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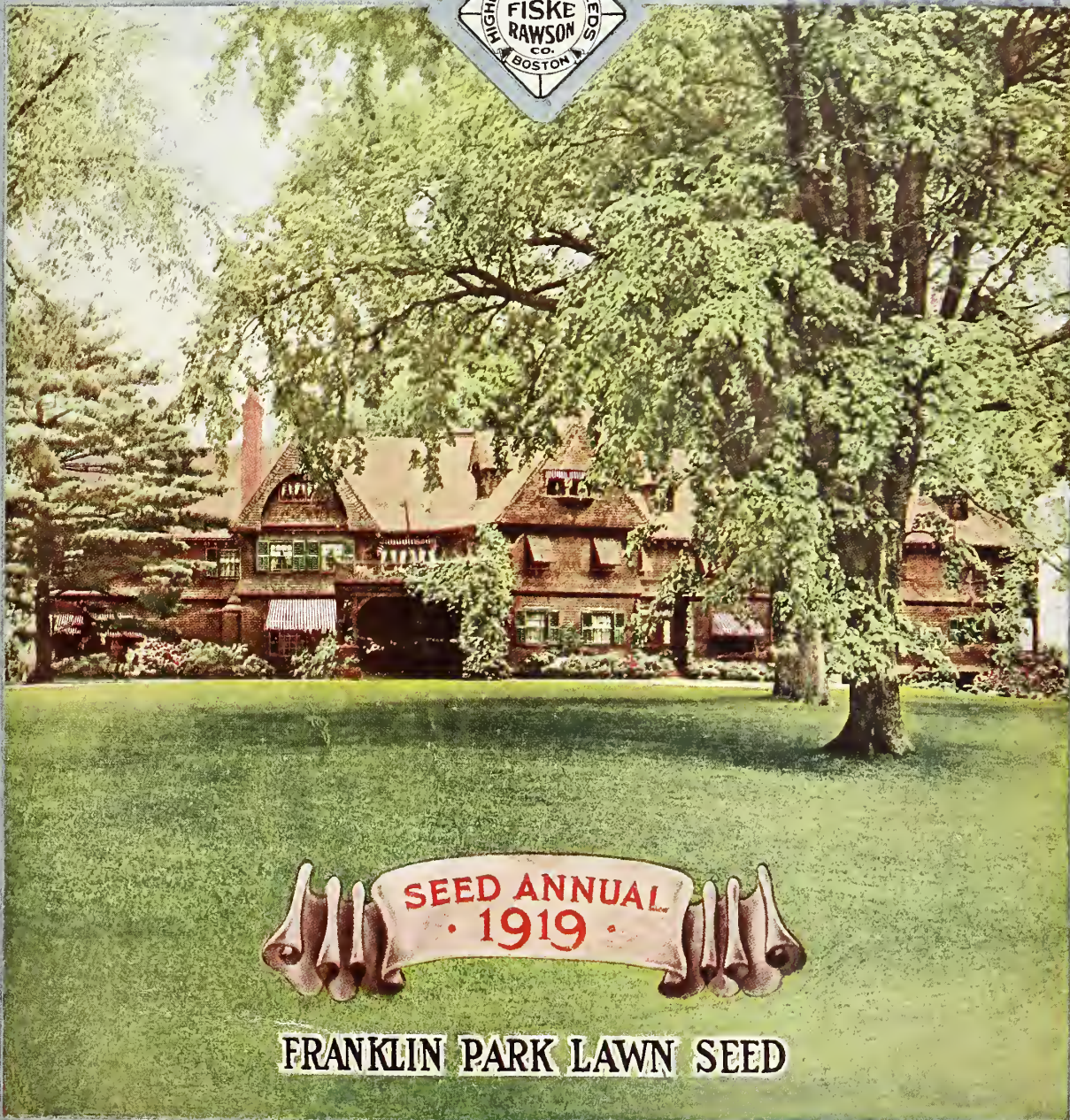


# POTTLER, FISKE, RAWSON CO.

12 & 13 FANEUIL HALL SQ.

BOSTON, MASS.

## THE SEED STORE



SEED ANNUAL  
• 1919 •

FRANKLIN PARK LAWN SEED

# General Instructions for Customers

(PLEASE READ CAREFULLY)

We deliver free (only as mentioned below) by Express or Parcel Post (our option) to any Freight Station, Express Office or Post Office in U. S.

**VEGETABLE SEEDS and FLOWER SEEDS** quoted in this catalogue by the packet, ounce and quarter-pound

**PURCHASER PAYS TRANSPORTATION** on Trees, Plants, Shrubs, Potatoes, Farm Seeds, Grass Seeds, Implements, Sundries and Poultry Supplies; Bulbs except where specified.

**EARLY ORDERING.** It will be helpful to our customers, as well as ourselves, to have orders placed early. Our policy is to make prompt shipments, but this is impossible as the busy season reaches its height. If your order is received late we may be sold out, as in case of shortage of crops, with no more stock obtainable. Send your order early, we will do the rest.

**DELIVERIES.** Our Seeds, Bulbs and Plants are all well packed to withstand general transportation, and every precaution taken for their safe delivery to the purchaser. In case of accident by broken packages, bulbs being lost or jammed and bruised, plants broken, or seeds lost, either sign for them "damaged," or refuse to accept such, and have transportation company return them to us, notifying us instantly of same.

We guarantee safe delivery to the Railroad and Express Companies. Our responsibility ceases when we take Railroad or Express signature.

**CUSTOMERS CAN SEND ORDERS BY EXPRESS,** as all express companies have purchasing departments in all their offices. They make no charge other than the regular rates for transportation of the goods.

Customers wishing to open accounts, must furnish satisfactory references, Boston preferred. If such references do not accompany the order; the goods will be forwarded **C. O. D.** to avoid delay.

**REMITTANCES** should be made in the form of Express Money Order, P. O. Money Order, Bank Draft, or Registered Letter. Plants will not be shipped **C. O. D.**

**WE MAKE NO CHARGE FOR PACKING CASES,** baskets or barrels. We charge for cloth bags only and these at cost. Peck bags 15c.,  $\frac{1}{2}$  bus. 20c., 1 bus. 25c., 2 bus. 75c.

**ORDERS** received by **Fottler, Fiske, Rawson Co.** will be filled to the best of our ability, and subject to harvest of crops, and forwarded as soon as possible. Owing to the large number of varieties which are only obtainable in European countries, we can fill our orders only as we receive such stocks from abroad. Should we not receive any such articles, we reserve the right to cancel such orders.

**PRICES.** The prices quoted in this catalogue are net, and not subject to discount. All prices quoted in this catalogue are subject to change without notice.

**ADDRESS.** It is quite necessary to have name and address as complete as possible and written plainly, to avoid delay and goods missent.

**ORDERS.** When ordering from catalogue, it is desirable that plant orders be separated from seed orders, as these departments are separate. All, if possible, will be made in one shipment.

**PARCEL POST.** Customers living on R. F. D. routes, and beyond express delivery, will aid us by stating:

"Goods reach us by Parcel Post only,"

to avoid mistakes in sending by express.

**CONDITIONS OF SALE.** We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, plants or bulbs we sell; and we will not be in any way responsible for the crop. All orders taken by our agents or salesmen, including any special terms or conditions pertaining to same, are subject to the approval of our home office. If the purchaser does not accept the goods on these terms, they are to be returned at once.

**FOTTLER, FISKE, RAWSON CO.**

## Parcel Post Rate Table

Weight Lbs.	Local	1st-2d	3d	4th	5th	6th	7th	8th
1.....	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2.....	.06	.06	.08	.11	.14	.17	.21	.24
3.....	.06	.07	.10	.15	.20	.25	.31	.36
4.....	.07	.08	.12	.19	.26	.33	.41	.48
5.....	.07	.09	.14	.23	.32	.41	.51	.60
6.....	.08	.10	.16	.27	.38	.49	.61	.72
7.....	.08	.11	.18	.31	.44	.57	.71	.84
8.....	.09	.12	.20	.35	.50	.65	.81	.96
9.....	.09	.13	.22	.39	.56	.73	.91	1.08
10.....	.10	.14	.24	.43	.62	.81	1.01	1.20
11.....	.10	.15	.26	.47	.68	.89	1.11	1.32
12.....	.11	.16	.28	.51	.74	.97	1.21	1.44
13.....	.11	.17	.30	.55	.80	1.05	1.31	1.56
14.....	.12	.18	.32	.59	.86	1.13	1.41	1.68
15.....	.12	.19	.34	.63	.92	1.21	1.51	1.80
16.....	.13	.20	.36	.67	.98	1.29	1.61	1.92
17.....	.13	.21	.38	.71	1.04	1.37	1.71	2.04
18.....	.14	.22	.40	.75	1.10	1.45	1.81	2.16
19.....	.14	.23	.42	.79	1.16	1.53	1.91	2.28
20.....	.15	.24	.44	.83	1.22	1.61	2.01	2.40
21.....	.15	.25	.46	.87	1.28	1.69	2.11	2.52
22.....	.16	.26	.48	.91	1.34	1.77	2.21	2.64
23.....	.16	.27	.50	.95	1.40	1.85	2.31	2.76
24.....	.17	.28	.52	.99	1.46	1.93	2.41	2.88
25.....	.17	.29	.54	1.03	1.52	2.01	2.51	3.00
26.....	.18	.30	.56	1.07	1.58	2.09	2.61	3.12
27.....	.18	.31	.58	1.11	1.64	2.17	2.71	3.24
28.....	.19	.32	.60	1.15	1.70	2.25	2.81	3.36
29.....	.19	.33	.62	1.19	1.76	2.33	2.91	3.48
30.....	.20	.34	.64	1.23	1.82	2.41	3.01	3.60
31.....	.20	.35	.66	1.27	1.88	2.49	3.11	3.72
32.....	.21	.36	.68	1.31	1.94	2.57	3.21	3.84
33.....	.21	.37	.70	1.35	2.00	2.65	3.31	3.96
34.....	.22	.38	.72	1.39	2.06	2.73	3.41	4.08
35.....	.22	.39	.74	1.43	2.12	2.81	3.51	4.20
36.....	.23	.40	.76	1.47	2.18	2.89	3.61	4.32
37.....	.23	.41	.78	1.51	2.24	2.97	3.71	4.44
38.....	.24	.42	.80	1.55	2.30	3.05	3.81	4.56
39.....	.24	.43	.82	1.59	2.36	3.13	3.91	4.68
40.....	.25	.44	.84	1.63	2.42	3.21	4.01	4.80
41.....	.25	.45	.86	1.67	2.48	3.29	4.11	4.92
42.....	.26	.46	.88	1.71	2.54	3.37	4.21	5.04
43.....	.26	.47	.90	1.75	2.60	3.45	4.31	5.16
44.....	.27	.48	.92	1.79	2.66	3.53	4.41	5.28
45.....	.27	.49	.94	1.83	2.72	3.61	4.51	5.40
46.....	.28	.50	.96	1.87	2.78	3.69	4.61	5.52
47.....	.28	.51	.98	1.91	2.84	3.77	4.71	5.64
48.....	.29	.52	1.00	1.95	2.90	3.85	4.81	5.76
49.....	.29	.53	1.02	1.99	2.96	3.93	4.91	5.88
50.....	.30	.54	1.04	2.03	3.02	4.01	5.01	6.00
51.....	.30	.55	1.06					
52.....	.31	.56	1.08					
53.....	.31	.57	1.10					
54.....	.32	.58	1.12					
55.....	.32	.59	1.14					
56.....	.33	.60	1.16					
57.....	.33	.61	1.18					
58.....	.34	.62	1.20					
59.....	.34	.63	1.22					
60.....	.35	.64	1.24					
61.....	.35	.65	1.26					
62.....	.36	.66	1.28					
63.....	.36	.67	1.30					
64.....	.37	.68	1.32					
65.....	.37	.69	1.34					
66.....	.38	.70	1.36					
67.....	.38	.71	1.38					
68.....	.39	.72	1.40					
69.....	.39	.73	1.42					
70.....	.40	.74	1.44					

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# FOTTLER, FISKE, RAWSON CO., 12 and 13 Faneuil Hall Square, BOSTON.

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**CONDITIONS OF SALE:** We give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, plants or bulbs we sell; and we will not be in any way responsible for the crop. All orders taken by our agents or salesmen, including any special terms or conditions pertaining to same, are subject to the approval of our home office. If the purchaser does not accept the goods on these terms, they are to be returned at once. **FOTTLER, FISKE, RAWSON CO.**

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We would appreciate the names of a few of your friends who are interested in gardening. We wish to have our catalogue in their homes.

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ress and Company);  
ner (and Line.)

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description, quality, productiveness or any other  
responsible for the crop. All orders taken by our  
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# FRANKLIN PARK LAWN SEED

TRADE MARK REGISTERED

## BEST SEED MAKES BEST LAWNS



## FRANKLIN PARK LAWN SEED

Free from Weeds. Contains No Chaff Seeds. Highest Percentage of Germination. Mixed of Selected Grasses. Cheapest Lawn Seed to Use for Lawns, Terraces, Croquet Grounds, etc.

Our Franklin Park Lawn Seed is made up of all the re-cleaned seeds of different varieties that will make a good lawn quickly, so that when the seed is sown, if the ground is in proper shape, it will start at once and in a short time show a beautiful, deep green lawn and retain the same during the season with slight attention.

The mixture of grass seed that we sell under this name is made by the identical formula used by the Park Commissioners of the City of Boston in their work in laying out the beautiful lawns and terraces, which add so much charm to our new parks. For many years the grass seed used on these parks has been supplied by us, which fact should be a strong guarantee of quality. The Franklin Park mixture gives a fine, velvety sward within a few weeks after sowing. Weight per bushel, 32 lbs. The very large demand for this lawn seed has necessitated our having the name "Franklin Park" registered as a trade mark, in order to protect ourselves from imitators.

The best is always the cheapest, Franklin Park Lawn Grass Seed weighs 32 lbs. per bushel; the quantity required for one acre is two bushels or 64 pounds.

The quantity of Lawn Grass Seed varying from 14 to 20 pounds per bushel required to cover the same amount of surface would cost more in proportion, wherein the lighter weight mixtures must contain more chaff, while Franklin Park Lawn Seed is made up of the best re-cleaned seeds possible to obtain, thereby making the best investment where the choicest lawns are desired.

Much may be said about Franklin Park Lawn Grass though it is probably enough, when it is known that a large portion of the best recognized lawns in New England have been sown with our Franklin Park Lawn Seed.

### QUANTITY REQUIRED

1 lb. (1 Qt.) sufficient for 500 sq. ft.; 2 lbs. 1000 sq. ft.; 4 lbs. (½ pk.) 2400 sq. ft.; 8 lbs. (1 pk.) 5000 sq. ft.; 32 lbs. (1 bu.) 20,000 sq. ft.; 64 lbs. (2 bu.) one acre.

### PRICES

½ lb. 20 cts.; 1 lb. 35 cts.; 2 lbs. 65 cts.; 4 lbs. \$1.25; 8 lbs. \$2.25; 32 lbs. \$8.00.

# SHADY SPOT LAWN SEED

For sowing on the north side of buildings, between houses, and for securing a lawn under large shade trees.

In many lawns there are places which seem as if nothing can be grown; some are shaded by large trees and others by buildings. For these locations we have offered for some time our **Shady Spot Lawn Seed**, which readily meets the desired requirement.

It is always advisable for those who are seeding down the shady places to supply new soil, if possible, especially if the large trees are producing the shade, as their roots spread so fast and exhaust the nourishment in the soil. In the event of not being able to supply new soil, the ground should be well dug over, and if tree roots predominate, these should be taken out.

In most places where grass seed is to be sown, when shaded by buildings, the soil will have a tendency to sour, and in such cases we strongly recommend the use of slaked lime (about 50 lbs. per 1000 sq. ft.).

This special mixture for shady locations is selected from the best grasses possible to obtain for this purpose, and only those that will grow and flourish under shady conditions are used.

The ordinary lawn grass might grow for a short time, but as a general rule it will not last but one or two seasons, and then make a poor showing.

**Shady Spot Lawn Seed** if sown in these places will undoubtedly grow and produce the best results.

**PRICE AT OUR STORE:**  $\frac{1}{4}$  lb. 20c.,  $\frac{1}{2}$  lb. 30c., 1 lb. 45c., 5 lbs. \$2.00, 10 lbs. \$3.50, 15 lbs. \$5.00, 25 lbs. \$8.00, 50 lbs. \$15.50, 100 lbs. \$30.00.

The grasses used in making this special mixture are those only well adapted for growing in the shade, which in their natural and wild state grow and mature under these conditions.



## Climax Lawn Sand for Weedy Lawns

This remarkable preparation, when applied to weedy lawns, will adhere to the rough, hairy leaves of Dandelions, Plantains, etc., and, by absorbing therefrom all the sap, destroy them beyond recovery. Moreover, Climax Lawn Sand goes to the roots of smooth-bladed finer grasses and acts as a valuable fertilizer. The most weedy and impoverished lawn will show a remarkable improvement after a single application. A leaflet, giving in detail all the merits of this wonderful weed eradicator, explicit directions for use, and testimonials from every part of this country, will be gladly mailed free to any applicant.

**When to Apply.** March, April, May, July, August, September and October are the best months, selecting a bright, sunny day, with a prospect of 24 to 48 hours' settled weather.

The small size cans of Climax Lawn Sand can be sent by Parcel Post. Purchaser pays transit. See Second Cover page for rates.

Use 3 $\frac{1}{2}$  lbs. for 150 sq. ft., 75c.; 7 lbs. for 250 sq. ft., \$1.25; 14 lbs. for 500 sq. ft., \$2.00; 28 lbs. for 1,000 sq. ft., \$3.00; 56 lbs. for 2,000 sq. ft., \$5.50.

## BOSTON QUALITY LAWN SEED



What is more attractive than a well-designed house surrounded by artistically treated grounds and a beautiful lawn, the rich, green, velvety turf being always the most attractive?

You can make your lawn by using sod or sowing seed. If sods are used you may have your lawn quicker, but it is not to be compared to the one sown by seed, as the dry weather causes creases to form, about which the grass dies out, and the grasses in the sod usually found in the pastures or on the roadsides, and which is generally the kind used, are not the sort to make a smooth turf on a lawn.

Use the "Boston Quality Lawn Seed." It is not the work of a novice to select varieties of grasses that will produce a lawn for all situations, but he must be a person of long experience and thorough knowledge of the growth of grasses that will make a good turf. You will find the "Boston Quality Lawn Seed" one that meets the requirements. It is composed of such grasses that make a good turf, carefully blended

together in such proportions as will produce a good lawn when properly prepared, and will grow under varied conditions, soils and climates and at different seasons of the year. Here is the advantage of the "Boston Quality Lawn Seed."

For making new lawns use 4 bushels to acre; 1 qt. will sow 300 square feet or a plot 15 x 20 feet.

1/2 lb. 20c., 1 lb. 35c., 5 lbs. \$1.65, 10 lbs. \$3.30, 15 lbs. \$4.65, 25 lbs. \$7.50, 50 lbs. \$14.50, 100 lbs. \$28.00.



## SHEEP MANURE. Wizard Brand

"A Wagon Load in a Bag"



Is the best, most convenient and economical natural manure. A word about our process: What is known as the Direct Heat Process, by which the cold, wet manure is brought into direct contact with 2,000 to 2,600 degrees of heat generated from fuel oil under high pressure is used to evaporate the moisture. It is then screened free from bedding and rough stuff and packed in shredded form, or continued through grinders and pulverized as desired. This high temperature and quick drying effectually destroys the vitality of weed seeds and makes these products safe for all particular uses, such as golf course, country club and park lawns, market gardens, etc., in which the introduction of weeds and foreign grasses would be extremely objectionable. If you really want the greenest kind of a velvety lawn and gardens that will be a delight to possess, flowers of rare foliage and bloom, fruits and vegetables and berries that come near to perfection, give your soil a good dressing of Wizard Brand Sheep Manure the first thing this Spring. It does not fill your lawn with noxious weeds, it is always ready and clean to use, also easy to apply.

For top dressing lawns it is highly recommended. Quantity required about 100 lbs. per 2000 sq. ft. of Lawn, or one ton per acre.

Lb. 10c., 5 lbs. 30c., 10 lbs. 55c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.00, 1/4 ton \$14.00, 1/2 ton \$27.00, ton \$52.50.



## GRASS SEEDS FOR GOLF LINKS

### F. F. R. Special Golf Course Mixture

Much attention is needed to make a mixture of suitable grasses that form a fine turf to withstand the severe usages it sometimes receives. We have given particular attention to this, and feel confident that our Golf Course Mixture will meet with every requirement wherever used. Our mixture can safely be used to rival the finest courses in this country. It is composed of varieties which will grow well together to produce a strong, thick turf, suitable for all good soils.

In selecting a mixture for Courses with unusual soil conditions, such as extremely low or boggy, high and dry locations, or soil which is very light and sandy, it would be for the purchaser's advantage to mention the conditions. We recommend our Mixture for laying down new courses, and also for renovating old ones. Amount of seed necessary for one acre, from 100 lbs. to 150 lbs.

Lbs. 40c., 10 lbs. \$3.60, 25 lbs. \$8.50, 100 lbs. \$30.00, 1000 lbs. \$280.00.



### Putting Green Grass Mixture

A very carefully prepared mixture for use on putting greens, croquet lawns, tennis courts, bowling greens, and lawns used for clock golf. This mixture produces a very thick, soft growth, when sown on a well-prepared ground, and mowed short will allow a ball to roll in almost a direct line. We especially recommend this mixture to those who are particular to obtain the very best. Twenty-five lbs. will seed a putting green 75 feet square.

Lb. 40c., 10 lbs. \$3.60, 25 lbs. \$8.50, 100 lbs. \$30.00.

### Fair Green Grass Mixture

Composed of a combination of grasses all of a dwarf spreading growth, making a soft, velvety surface, and which will withstand quite severe and rough usage. It is needless to say that these always improve, year after year, forming a closer and thicker mat. Use 100 lbs. to 150 lbs. per acre.

Lb. 40c., 100 lbs. \$30.00, 1000 lbs. \$280.00.

### Bank and Terrace Green Mixture

A suitable mixture of varieties having strong, deep roots of quick growth that hold the soil in place, which if not held by some such grass, continual rains and hard showers, will wash out. These also produce a fine smooth, velvety appearance.

Lb. 40c., 5 lbs. \$1.90, 10 lbs. \$3.60, 25 lbs. \$8.50, 100 lbs. \$30.00.

### SPECIAL MIXTURES MADE FOR SPECIAL LOCATIONS

We have many inquiries from customers who have made experiments of their own, and have found that certain varieties of grass will do better than others on their land. We are well aware that we cannot make one mixture that will do for all lands, and are pleased to have our customers consult with us regarding varieties suitable for their particular land, or if they have certain varieties to include in their mixture we are only too pleased to serve them in this way, for we have, on pages 56-57, a very complete list of fancy varieties that we always carry a large stock of, and will put up any mixture desired. We have facilities for executing all such orders promptly.

# Highest Grade Vegetable Seeds



A WELL ARRANGED VEGETABLE EXHIBIT

## Asparagus

*One ounce will sow about 50 feet of drill.*

**CULTURE.**—Asparagus roots may be purchased in the Spring, or may be grown from seed sown in April or May, in good soil, in drills 12 to 14 inches apart. The permanent bed should be made very rich with well-rotted manure, and thoroughly worked over to a depth of nearly 2 feet. The Asparagus roots (either one or two years old) are to be transplanted into this bed, setting them in rows 3 or 4 feet apart, leaving about 18 inches between the plants in the row. Lay the roots flat in trenches, spreading them well, and using care to have all the crowns placed in the same direction, to keep the roots from running together. Cover lightly at first, gradually filling the trenches as the plants begin to start; the crowns of the roots should be about six inches below the level of the bed. Avoid location near trees, particularly large trees, or their roots will soon take possession of the ground.

**CONOVER'S COLOSSAL.** A well-known variety of large size; tender and of good quality.

**Pkt. 5c., oz. 15c., ¼ lb. 30c., lb. \$1.00.**

**EARLY GIANT ARGENTEUIL.** Very popular in France and extensively grown for the Paris Market. This variety has thus far been free from rust; valuable on account of earliness. The stalks growing to mammoth size, sometimes weighing as much as four ounces; produces an even growth and a large yield. The seed offered is all grown in France.

**Pkt. 10c., oz. 15c., ¼ lb. 40c., lb. \$1.25.**

**PALMETTO.** A good yielder of recent introduction and thus far it has proved to be a great success in both the North and South.

**Pkt. 5c., oz. 15c., ¼ lb. 40c., lb. \$1.00.**

## Asparagus Roots

	100	500	1000
<b>READING GIANT.</b> 2 years...	\$1.50	\$6.50	\$12.00
<b>READING GIANT.</b> 3 years...	2.00	8.50	16.00
<b>GIANT ARGENTEUIL.</b> 2 years.	1.00	4.00	7.50
<b>GIANT ARGENTEUIL.</b> 3 years.	1.50	6.50	12.00
<b>PALMETTO.</b> 2 years.....	1.00	4.00	7.50
<b>CONOVER'S COLOSSAL.</b> 2 yrs.	1.00	3.50	6.00

Asparagus Knife



The best knife for cutting Asparagus. **Each 40c.**

## Artichoke

**CULTURE.**—In February or March sow in hotbed, transplant to the open in May in rows three or four feet apart, and two feet apart in the rows. Should give globes the same year. Seed sown in May and transplanted in June has to be wintered. Tie up leaves, then bank with dirt; will mature the second year.

**GIANT GREEN GLOBE.** Produces large globular heads, thick, succulent scales, the bottom of which is the edible part. Boiled till tender, it makes a delicious dish.

**Pkt. 25c., ½ oz. 60c., oz. \$1.00.**

**JERUSALEM ARTICHOKE.** Sometimes used as a table vegetable when pickled, but their greatest value is for feeding stock.

Tubers, postpaid.....**lb. 35c., 3 lbs. \$1.00.**  
By freight or express....**pk. \$1.25, bus. \$5.00.**

# DWARF, or BUSH BEANS

Two pounds sufficient for 100 feet of drill.

By Parcel Post add postage at Zone rates (see second cover page)



## Wax, or Yellow Podded

**Golden Wax** *The most tender of all market sorts. One of the best for home garden. Pods long, nearly straight, broad, flat, golden yellow and very fleshy. It is the highest quality snap Bean. Dry Bean oval, white, more or less colored with shades of purplish red.*  
Pkt. 25c., 1b. 45c., 2 lbs. 85c., 8 lbs. \$3.00.

**Golden Wax Improved** *It is an excellent market Bean as it does not rust. Dry Beans more white than the Golden Wax, but mottled dark.*  
Pkt. 25c., 1b. 45c., 2 lbs. 85c., 8 lbs. \$3.00.

**Kidney Wax, Wardwell's** *One of the most popular Beans in this vicinity, especially for the market gardeners, owing to the large size of the pod and excellent quality. Vines are very large, strong and vigorous, bearing long, straight, wax-like pods. Dry Beans are large, kidney-shaped, white, dark-marked about the eye.*  
Pkt. 25c., 1b. 50c., 2 lbs. 90c., 8 lbs. \$3.50.

**Golden Wax, Keeney's Rustless** *A superior market garden Wax Bean. Large, flat golden yellow and very fleshy pod. It has an excellent flavor and is less liable to be stringy than any other rust-proof Beans.*  
Pkt. 25c., 1b. 45c., 2 lbs. 85c., 8 lbs. \$3.00.

**GOLDEN-EYED WAX.** *Clear, golden wax pods of good size, free from rust and an excellent keeper. Beans white, with golden eye.*

Pkt. 25c., 1b. 45c., 2 lbs. 85c., 8 lbs. \$3.00.

**SURE CROP STRINGLESS WAX.** *A favorable sort for either home use or market garden. It is a dwarf-growing variety; strong, vigorous vines producing early, rich yellow pods of extra size, measuring seven to seven and one-half inches long, more than one-half inch wide and nearly one-half inch thick, and of excellent quality. But this is not all. It is one of the most prolific bush Beans, producing beautiful, rich yellow pods which sell at sight and taste like more. It is early, hardy, stringless, rust-proof, finest quality; exceedingly prolific.*

Pkt. 25c., 1b. 45c., 2 lbs. 80c., 8 lbs. \$2.50.

**KIDNEY WAX, ROUND POD.** *Excellent for the market gardener where a round pod is the more salable. This is one of the most popular both for home use and as a market Bean, of all the round-podded wax varieties. Vines are very large, strong and vigorous, bearing long, straight, wax-like pods of large size and excellent quality. Dry Beans are large, kidney-shaped, white, dark-marked about the eye.*

Pkt. 25c., 1b. 45c., 2 lbs. 85c., 8 lbs. \$3.00.

**Kidney Wax, Davis** *An excellent Bean for market gardeners.*

*Must be picked just before coming to maturity. Its superiority over others is its extreme hardness and excellent keeping qualities. It is considered one of the rust-proof Beans with large, well-shaped, flat wax pods. Dry Bean is kidney-shaped and white.*  
Pkt. 25c., 1b. 45c., 2 lbs. 80c., 8 lbs. \$2.50.

**CRACKER-JACK WAX.** *An excellent market variety, with good shipping qualities. A very popular sort with the Western market gardeners, of good size and color. Pods more round and fleshy than well-known Wardwells.*

Pkt. 25c., 1b. 40c., 2 lbs., 75c., 8 lbs. \$2.50.



Wardwell's Kidney Wax

**Hodson Wax.** *One of the most prolific of all the wax Beans. The pods are straight and average about seven inches in length; color, clear light yellow. Vines are very vigorous and well filled with pods that are entirely free from rust and blight. Matures about ten days later than Wardwell's Kidney Wax.*

Pkt. 25c., 1b. 50c., 2 lbs., 90c., 8 lbs. \$3.00.

**Black Wax, Prolific.** *One of the best for a home garden, perfectly stringless, and of excellent flavor. Pods medium size, round and of a clear, waxy white color.*

Pkt. 25c., 1b. 45c., 2 lbs. 80c., 8 lbs. \$2.75.

**BLACK WAX, CURRIE'S RUST-PROOF.** *A superior variety for markets; excellent flavor. Pods large, yellow, rust-proof. Dry bean black.*

Pkt. 25c., 1b. 45c., 2 lbs. 85c., 8 lbs. \$3.00.

**Refugee Wax.** *A superior Bean for home use. Pods long, round and yellow; are thick meaty, perfectly stringless and of excellent flavor. Dry beans are mottled dark drab.*

Pkt. 25c., 1b. 45c., 2 lbs. 85c., 8 lbs. \$3.00.

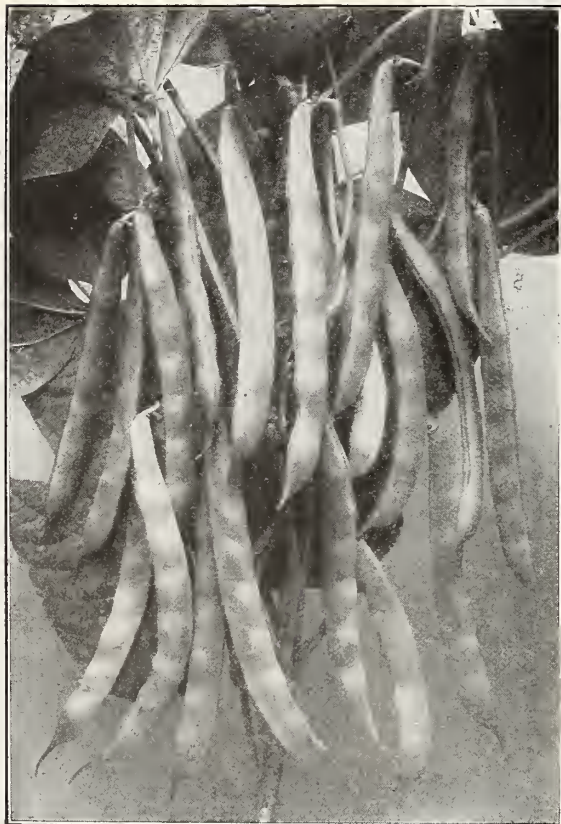


# DWARF, or BUSH BEANS

Green Podded

String, or Snap Beans

Two pounds sufficient for 100 feet of drill.



Green-Podded Bean, Bountiful

## Valentine, Improved Early Red

*One of the best extra early for home use or market.* Extra early, and is usually ready for harvesting from thirty-five to forty days after planting. A fine variety for midsummer sowing to ripen in September. Vines strong and vigorous; pods green, medium length, curved, with creases in the back, very fleshy, crisp and tender. Dry Beans medium size, long, irregular, pink, marbled with red.

Pkt. 25c., 1b. 40c., 2 lbs. 75c., 8 lbs. \$2.50.

## Bountiful

*For the market gardener this is one of the popular varieties.* Pods are medium size, green and flat; an excellent snap Bean. Dry Beans are yellowish brown color.

Pkt. 25c., 1b. 40c., 2 lbs. 75c., 8 lbs. \$2.50.

## Full Measure

*An excellent Bean for market gardeners.* Prolific, and produces the pods early; long, straight and handsome; are meaty and good quality; very thick, flat or almost a semi-round. Quality, stringlessness and productiveness should recommend this sort.

Pkt. 25c., 1b. 45c., 2 lbs. 80c., 8 lbs. \$2.75.

## Refugee or 1000 to 1

*One of the best for late Fall planting.* An excellent early snap Bean and used especially for late planting for use as pickles. Pods are of medium length, round and light green.

Pkt. 25c., 1b. 45c., 2 lbs. 85c., 8 lbs. \$3.00.

By Parcel Post add postage at Zone rates (See second cover page).

## Stringless Green Pod

Valuable for home garden or

for market. It is valuable for its extreme earliness and is absolutely stringless, which makes it one of our best extra early Beans, and wonderfully productive; pods of handsome appearance and finest quality. Extra early plantings will produce earliest crops; the later plantings will always produce pods the quickest.

Pkt. 25c., 1b. 45c., 2 lbs. 80c., 8 lbs. \$2.75.

## Hodson Green Pod

Similar in every respect to the Hodson

Wax described on page 7, with the exception of the pods, which are green instead of yellow wax.

Pkt. 25c., 1b. 40c., 2 lbs. 75c., 8 lbs. \$2.50.

## Long Yellow Six-Weeks

Extra early, pods long,

green in color, straight and quite thick; very productive and good quality. Vines are large, vigorous and branching; Beans long, kidney-shaped and yellowish brown.

Pkt. 25c., 1b. 40c., 2 lbs. 75c., 8 lbs. \$2.50.

## Longfellow

Remarkably early and has excellent flavor; its delicacy re-

mains almost intact when prepared for the table. The pods are about six and one-half inches long, pale green in color, straight and round; very productive and crop matures very regularly. Beans are small, mottled dark red.

Pkt. 25c., 1b. 40c., 2 lbs. 75c., 8 lbs. \$2.50.

## Low's Champion

or DWARF RED CRANBERRY.

*An excellent shell or string Bean. One of our best Green-pod Beans for market gardeners and also for the home garden.* It is abundantly productive, being a vigorous grower, and keeps the pods well off the ground, preventing them from molding or blighting. Dry Bean beautiful, bright red color.

Pkt. 25c., 1b. 40c., 2 lbs. 75c., 8 lbs. \$2.50.

## Mohawk Early

Hardest of any early Bean; will stand a slight frost and

for this reason is excellent for the market gardener. Vines are large with coarse leaves; pods, long, straight, flat and green. Dry Beans long, kidney-shape, variegated drab, purple and brown. For a dark colored Bean, it is one of the richest Beans for baking.

Pkt. 25c., 1b. 40c., 2 lbs. 75c., 8 lbs. \$2.50.

## Stringless Green Pod

(Giant Strain). The same description will

answer for the Giant Strain, only the Bean and pod are larger and lighter in color; it is also very early. By repeated plantings during the season, pod may be had in constant success from early Summer till killed by frost.

Pkt. 25c., 1b. 45c., 2 lbs. 80c., 8 lbs. \$2.75.

## Valentine-Black

A great improvement over the Red Valentine, as the

Pods are nearly one-third larger; perfectly round, although not quite as early; very prolific.

Pkt. 25c., 1b. 40c., 2 lbs. 75c., 8 lbs. \$2.50.

## REFUGEE, EXTRA EARLY.

A selection from the Refugee with all its good qualities and about ten days earlier. Dry Beans long and dark drab; pods splashed with purple. An excellent Bean for planting during July and August for late pickling Beans.

Pkt. 25c., 1b. 45c., 2 lbs. 85c., 8 lbs. \$3.00.



Bean, Stringless Green-Pod

## BEANS, GREEN PODDED—Continued

## Varieties Used for Shelling

**Boston Favorite** or **GODDARD**. Pods and beans larger and longer than the Dwarf Horticultural. Vines are large and pods green when young, but when beans mature fit for use are beautifully striped with crimson. Dry beans are long, nearly clear, with splashes of bright red.

Pkt. 25c., lb. 40c., 2 lbs. 75c., 8 lbs. \$2.50.

**DWARF RED CRANBERRY**. See Low's Champion, page 8.

**Horticultural Dwarf** or **SPECKLED CRANBERRY**. It is undoubtedly the best variety for use as a shell Bean. Vines compact, upright, with large leaves and very productive. Pods are green when young, but when beans become fit for use are beautifully striped with splashes of bright red on a yellowish ground. Dry beans large, oval, nearly covered with splashes of bright red.

Pkt. 25c., lb. 40c., 2 lbs. 75c., 8 lbs. \$2.50.

**French Horticultural Dwarf** This is a Bean of the Horticultural or Speckled Cranberry type which has been grown for a number of years in certain localities in the vicinity of Boston. The vines are compact and of upright growth; sometimes inclined to send out runners but do not climb; the runners are not sufficient to affect the Bean in any way. When fit to use are beautifully striped with splashes of bright crimson on a somewhat yellowish ground. Its extremely bright color makes the Beans very attractive in the market and it sells usually for 25c. or 50c. more than the ordinary Dwarf Horticultural. The dry Beans are large, oval and nearly covered with splashes of bright red.

Pkt. 25c., lb. 45c., 2 lbs. 85c., 8 lbs. \$3.00.

## Baking Varieties

**WHITE PEA**. The popular baking Bean of New England. Small, round, green podded, dry Beans; white, early and prolific.

Pkt. 20c., lb. 25c., 2 lbs. 40c., 8 lbs. \$1.50.

**YELLOW EYE IMPROVED**. An excellent baking Bean.

Pkt. 20c., lb. 25c., 2 lbs. 40c., 8 lbs. \$1.50.

**RED KIDNEY**. Large red kidney-shaped Beans of excellent quality. The old-fashioned baking Bean.

Pkt. 20c., lb. 25c., 2 lbs. 40c., 8 lbs. \$1.50.

## English Broad Bean

**BROAD WINDSOR**. An old-fashioned English shell Bean. This Bean is very hardy; it should be planted as early as the ground will permit, three or four inches deep in rows three feet apart, and plants four feet apart in row. Dry Beans very large and yellowish green.

Pkt. 25c., lb. 60c., 2 lbs. \$1.00, 8 lbs. \$3.50.

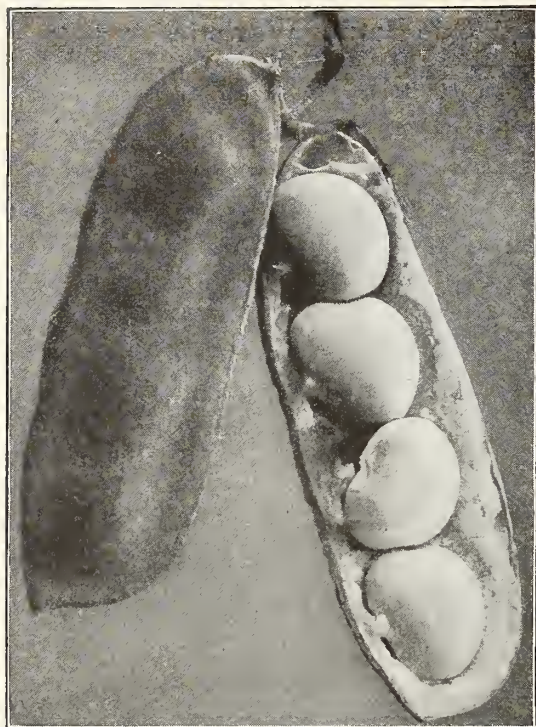
## Forcing Beans

**TRIUMPH OF THE FRAMES**. (Seed imported from France.) The earliest of the French forcing sorts, producing long, well-shaped pods; thick, tender flesh. May also be used as a shell Bean.

Pkt. 60c., lb. \$1.00.



Bean, Dwarf Horticultural



Dreer's Bush Lima

## Dwarf Lima Beans

**Fordhook Bush Lima** This new Bush Lima is of uniformly erect bush habit, branching freely, but with all the branches held upright. It bears tremendous crops and sets pods freely even in a cool, wet season. The plump, well-filled pods are twice as large as those of the Dreer Bush Lima, and Beans are also twice as large.

Pkt. 25c., lb. 45c., 2 lbs. 85c., 8 lbs. \$3.00.

### Burpee's Improved Bush Lima

*Earliest, largest and the best of all large Limas. The sturdy bushes are loaded with pods that are truly enormous in size. The luscious, green Beans are larger than any Limas ever known before. It is fully eight to ten days earlier than any other large Limas; will outyield Burpee's Bush Lima by fully one-third as the pods are very much larger, while the Beans either green or dry are nearly twice as thick; even when full size are of most luscious flavor.*

Pkt. 25c., lb. 45c., 2 lbs. 85c., 8 lbs. \$3.00.

**Dreer's Bush Lima** It has a bush habit and grows vigorously eighteen to twenty-four inches high. The Beans are very thick and grow close together, three, four and sometimes five in a pod.

Pkt. 25c., lb. 50c., 2 lbs. 90c., 8 lbs. \$3.50.

**Henderson's Bush Lima** Exceedingly productive, bearing continuously through the Summer until killed by the frost. Its greatest merit lies in its extreme earliness as it comes two or three weeks earlier than any other Lima Bean.

Pkt. 25c., lb. 40c., 2 lbs. 75c., 8 lbs. \$2.50.

## Pole Lima Beans

**Carpinteria Pole Lima** The most perfect pole Lima Bean in existence. The Beans have a greenish tint, an indication of good quality. The vines are vigorous and make a strong growth, producing a large quantity of Beans in a fairly large pod, which are thicker than the ordinary Lima and retain their color.

Pkt. 25c., lb. 45c., 2 lbs. 85c., 8 lbs. \$3.25.

**Dreer's Improved Lima** An abundance of large, thick pods produced on vigorous vines. Beans medium size, very much thicker than the large Limas.

Pkt. 25c., lb. 45c., 2 lbs. 85c., 8 lbs. \$3.25.

**Extra Early Jersey** Very productive and of fine quality. It is especially valuable to those residing in districts where the season is too short to produce later ones, being 10 to 15 days earlier than any other pole Lima.

Pkt. 25c., lb. 45c., 2 lbs. 80c., 8 lbs. \$3.00.

**King of the Garden** Stronger and more productive than any of the other large white Limas and is a favorite with the market gardeners on account of its large pods. If two vines are left growing on a pole it will come into bearing sooner and make large pods.

Pkt. 25c., lb. 45c., 2 lbs. 85c., 8 lbs. \$3.25.

**Large White** The old-fashioned Pole Lima. The pods are long and thick; Beans are large and meaty, quality good.

Pkt. 25c., lb. 45c., 2 lbs. 85c., 8 lbs. \$3.25.

**Sieva, or Small Lima** Popular small-seeded variety of quick growth and early maturity. A very productive variety.

Pkt. 25c., lb. 45c., 2 lbs. 80c., 8 lbs. \$3.00.

## Mulford Cultures

FOR LEGUMES



Pole Lima, King of the Garden

# POLE BEANS

By Parcel Post add postage at Zone rates (see second cover page).

## Arlington Red Cranberry

*Always tender and crisp; the market gardener's favorite.* The pods are green and it is one of the best snap Beans. Dry Beans are a beautiful bright red, large and of the finest flavor, green or dry.

Pkt. 25c., lb. 45c.,

2 lbs. 85c., 8 lbs. \$3.25.

## Golden Cluster

One of the earliest wax Pole Beans.

Vines large, strong, vigorous; pods 6 to 8 inches long in clusters, thick and fleshy; bright golden yellow. Dry Beans white and nearly round.

Pkt. 25c.,

lb. 50c., 2 lbs. 90c., 8 lbs. \$3.50.

## Improved Kentucky Wonder

(Old Homestead.) *Excellent flavor and enormously productive; entirely stringless and of a silvery green color.* About ten days earlier than any other green-pod sort. Beans are rather small, oblong and of a yellowish brown color. Pods are green.

Pkt. 25c., lb. 45c.,

2 lbs. 80c., 8 lbs. \$3.00.

## Worcester Pole

*For the market gardener the best*

*Pole Bean in cultivation.* Pods are very large, exceedingly bright and hang in clusters. As a shell Bean it is unequalled for tenderness. Dry Beans splashed bright red.

Pkt. 25c., lb. 45c.,

2 lbs. 80c., 8 lbs. \$3.00.

## Kentucky Wonder Wax

(Pods are yellow.) The vine and pods are similar to those of the Kentucky Wonder, but the quality is far superior in every way. A very prolific sort; begins to bear when no higher than the average bush Bean and continues to bear until killed by frost. The Beans are so fleshy that the pods are even thicker than they are wide. They have a delicious, rich flavor.

Pkt. 25c.,

lb. 50c., 2 lbs. 90c., 8 lbs. \$3.50.

## HORTICULTURAL, or SPECKLED CRANBERRY.

Of the highest quality as a shell Bean. Pods of medium size, pale green streaked with bright red. Dry Beans nearly round splashed with bright red.

Pkt. 25c., lb. 45c.,

2 lbs. 80c., 8 lbs. \$2.75.

## INDIAN CHIEF, or TALL BLACK WAX.

Superior quality with golden yellow pods which are short, broad, flat and fleshy.

Pkt. 25c., lb. 45c.,

2 lbs. 85c., 8 lbs. \$3.25.

## SCARLET RUNNER.

Usually cultivated for the beauty of its scarlet flowers. In England one of the very best string Beans. Dry Beans mottled.

Pkt. 25c., lb. 45c., 2 lbs. 80c.,

## WHITE RUNNER.

White flowers.

Pkt. 25c., lb. 45c., 2 lbs. 80c.,

## YARD LONG.

This is an interesting curiosity. In sections where the climate agrees with this Bean, it will produce long slender round pods which average two feet or more in length, having the thickness of a lead pencil.

Packages only 25c. each.

## Cedar Bean Poles

Extra heavy quality

Per doz. \$1.50, per 100, \$10.00.



Worcester Pole

Showing pod full size



Improved Kentucky Wonder

# BEETS

**CULTURE.**—Sow in rows twelve to fifteen inches apart, thin out to four inches in row; plant seed about one-half inch deep as early as ground can be worked. For late crop plant up to end of July. Beets like a deep, rich, sandy loam.

*One ounce will sow 50 feet of drill; six to eight pounds to an acre.*



Beet, Crosby Improved Egyptian

**Arlington Favorite** A favorite with the market gardeners as a second early; small foliage; flesh deep red color. An improved sort, turnip shape, excellent flavor. Ready for use almost as quickly as the early sorts and are of better quality, retaining the same until roots have reached full size. *For the market gardener one of the most popular varieties.*

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**BOSTON MARKET.** The largest extra early blood turnip Beet. Runs uniform in shape with a small tap root. Excellent quality and valuable for both the market and private gardener.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Crosby's Improved Egyptian** *This is the best extra early variety grown for this market. Has a small top and excellent form and a small tap root; it is in every way a great improvement over the old variety of Egyptian Beet. It was improved by the late Josiah Crosby of Arlington, Mass. Our stock is selected as to truthness of shape and color.*

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**Crosby's Improved Egyptian** (Special Market Gardener's Strain.) Selected with the greatest of care as to color, shape and earliness. We have only a limited amount of seed of this particular selection.

Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$4.00.

**Edmand's** *For late planting the best dark blood Beet. It is a thoroughly fixed, uniform type; flesh deep red in color, exceedingly sweet and tender. Has a small top and single tap root which fact recommends itself to the market gardener's attention. Special care is taken in the selection of the beet roots saved for seed.*

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**Detroit Dark Red** Color of skin very dark red; small tops. Roots mature very evenly in size and shape, also color. *One of the best of all varieties for market.*

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c., lb. \$3.00.

**BASTIAN'S EARLY TURNIP.** One of the largest turnip Beets. Tender, sugary and flesh lighter color than early varieties.

Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**BASSANO.** A very early, flat variety, especially adapted for the home table; excellent flavor. Almost white with rose-colored flesh arranged alternately in rings.

Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**DARK RED EGYPTIAN.** Very early, deep red, almost flat variety.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**DEWING'S IMPROVED TURNIP.** A fine form and flavor; a good color and desirable variety.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$2.25.

**ECLIPSE.** Extremely early variety; recommended to market gardeners on account of its small, fine tops.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**LONG SMOOTH DARK BLOOD.** Grows half out of the ground with few or no side roots.

Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.

**YELLOW TURNIP BEET.** Early; flesh yellow, very tender and sweet.

Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 40c., lb. \$1.25.



Edmand's Beet

## Grown for the Leaves Only

**SWISS CHARD.** Sometimes called Sea Kale Beet. After once having used Swiss Chard for greens we believe your garden will always have at least a row of Swiss Chard; it is delicious. Is cultivated for its leaf stock which is served up like Asparagus or Spinach, by using the outer leaves.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c., lb. \$2.50.

**SWISS CHARD LUCULLUS.** A new moss curled sort. Very large leaves and the middle ribs are very broad, forming a good substitute for Asparagus during the Summer months.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 85c., lb. \$2.50.

## BEETS

### For Feeding Cattle and Poultry

*Six pounds of seed will sow one acre.*

**CULTURE.**—Sow in drills about two feet apart, thin out to nine to twelve inches in row. The long varieties are best suited to a deep soil, and globe sorts succeed better than the long sorts on sandy soil.

**Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.65., 10 lbs. or over, \$1.50 lb.**

### Mangel-Wurzel

**Gate Post** Originated in England. Is one of the largest and most useful of the Mangels, roots often weighing forty pounds and over. Our seed is all grown by the originator.

**Mammoth Long Red** The Mammoth Long Red Mangel has been used in New England for many years, and its worth is still acknowledged by all who grow Mangels. As its name implies, the roots are of enormous size, very regular in form, with exceedingly small tops. Skin is a bright dark red, the roots grow from one-half to two-thirds out of the ground, sometimes to a length of two feet. The Mammoth Long Red will produce the largest tonnage to the acre.

**GIANT YELLOW INTERMEDIATE MANGEL.** Grows more than half above the ground and of a rust-yellow color with thick neck, large leaves with green stems, and very smooth and fine skin. Flesh is white, firm and sweet.

**RED GLOBE.** A large red oval variety producing a larger crop on shallow soil than the Mammoth Long Red. An excellent keeping sort.

**Danish Sludstrup** The Danish Sludstrup Mangel is considered in Denmark as the best of all Mangels, after having been awarded a first-class certificate offered by the Danish Government. It is of a distinct type, long, and of reddish-yellow color, very hardy, which grows well above the ground, and is easily harvested. A variety which contains a very large percentage of nutriment.

**Mammoth Golden Giant** A very large variety, and remarkably even in shape, and of vigorous growth. The flesh is white, sweet and firm, with a fine neck and smooth skin and a sort quite attractive to cattle. Noted for its excellent keeping qualities.

### Sugar Beet

Sow 6 to 8 lbs. per acre. Valuable both for producing sugar and stock feeding.

**VILMORIN'S IMPROVED WHITE.** Contains the highest percentage of sugar; also valuable for stock.

**LANE'S IMPERIAL.** An improved variety; very hardy and productive.

**Klein Wanzleben** This variety is cultivated on a larger scale than any other Sugar Beet. Root is conical, straight and even, large at top and rapidly tapering. Not as large as some of the other sorts but contains the largest percentage of saccharine matter.

**Giant Half Long Rose** A variety very similar in habit and growth to the Giant Feeding Sugar Beet except in color. The color of the skin above the ground is bright rose and white below. The flesh is white, sometimes tinged rose.

**Giant Half Long White** This grand Sugar Beet, which gives nearly as large a yield as a crop of Mangels, supplies a much higher nutritive food value. The yield under favorable conditions is more than any other Sugar Beet, compared with its highly nutritive value. The roots grow partly out of the ground and on account of this, as well as their shape, the crops can be harvested and stored at a less expense than most any other root crop.



Mangel-Wurzel. Mammoth Long Red



Brussels Sprouts, Long Island Imp.

## Chives

Are used wherever the flavor of onions is required; grown entirely for tops and is perfectly hardy. No garden is complete without a few bunches.

**Seed.**

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.**  
**Roots. Per bunch 20c., 6 bunches \$1.00.**

## Chervil

*One ounce will sow about 100 feet of drill.*

**CULTURE.**—Sow in drills one foot apart in early Spring or Fall; covering seed about one-half inch. Thin out plants to four inches in row; leaves ready in six to eight weeks. Curled variety used like Parsley. Can also be sown in August or September; thin out to six inches in row and rows fifteen inches apart.

**Curled.** Largely used in soups and salads.

**Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**



Watercress

## Brussels Sprouts

**CULTURE.**—A species of the Cabbage family which produces miniature heads from the sides of the stalk. These heads are a great delicacy, boiled in the same way as Cauliflower. The seeds should be sown about the middle of May, in a seed-bed, and the plants afterward set in rows two feet or more apart, and cultivated like Cabbage.

**Danish Giant.** A small leaved, tall growing variety of this desirable vegetable, and very productive, which through careful selection has been brought to perfection. Grows freely during the summer, and is fully developed by the early frosts, at which time the stems are thickly set with sprouts. The fine yield and quality characterize this variety and classify it as first among well tried stocks.

**Pkt. 10c., oz. 40c., ¼ lb. \$1.00, lb. \$3.00.**

**Long Island Improved.** An American variety, thoroughly acclimated; dwarf, robust habit; will endure the climatic changes better than the foreign sorts, and more free from aphid and mildew. Very large, extremely popular, excellent quality. All this seed is *New England grown*.

**Pkt. 10c., oz. 40c., ¼ lb. \$1.00, lb. \$3.00.**

## Broccoli

*One ounce will produce about 2,000 plants.*

**CULTURE.**—Sow in hotbed in April or May for early crop; transplant in May or June in rows three or four feet apart and two feet apart in row. Sow in June for late crop in hills or beds; cover seed about one-half inch. When heads are formed tie leaves up over head to blanch; deep soil is wanted for success.

**White Cape.** Very white, sure to head.

**Pkt. 25c., oz. 75c., ¼ lb. \$2.50.**

## Cardoon

**CULTURE.**—Sow in April in drills one inch deep; when one year old transplant in trenches of well-manured ground three feet apart and one foot in row. The roots remain from year to year.

**Large Smooth.**

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

## Chicory

*One ounce will sow a bed of four square yards.*

**CULTURE.**—Sow in Spring, in drills one-half inch deep, in good mellow soil.

**Large-Rooted, or Coffee.** Leaves, blanched, are esteemed as an excellent salad.

**Pkt. 10c., oz. 25c., ¼ lb. 75c.**

**Witloof, or French Endive.** Esteemed as a salad plant. Spring-sown seeds produce Parsnip-like roots by November. Cut the leaves off 1½ in. from neck, trench 1½ in. apart, cover with soil 8 in. over crown; then place a 2 or 3 ft. layer of fresh manure which induces new growth of blanched leaves folded like Cos Lettuce, which are eaten raw as salad.

**Pkt. 10c., oz. 40c., ¼ lb. \$1.25.**



Chicory, Witloof

## Cress, or Peppergrass

*One ounce will sow sixteen square feet.*

**CULTURE.**—Can be sown at any time in hotbed, coldframe or outside, according to the season. Cover seed about one-quarter inch and sow thickly. Sowing can be made every few days, as it has to be used young, as it runs to seed quickly.

**Extra Curled.** The most popular variety for market.

**Pkt. 10c., oz. 20c., ¼ lb. 35c., lb. \$1.25.**

**Upland Cress.** It is a hardy perennial thriving on any soil. In early Spring it is first to make its appearance and grows rapidly. Ready for use weeks ahead of any other plant. The young and tender leaves can be eaten raw or in a salad.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

**Watercress.** Cultivated by sowing the seed by running water or near a spring which is not severely frozen through the winter.

**Pkt. 10c., oz. 75c., ¼ lb. \$2.50.**



# CABBAGE

CABBAGE PLANTS. See page 48.

One ounce will produce about 2,000 plants. One-quarter pound of seed in beds will produce plants for one acre.



**CULTURE.**—Start your early crop in hotbed middle of February, covering seed about one-half inch; transplant to coldframes soon as plants are large enough, three or four inches each way. Remove glass part of each day to harden plants and plant out in open ground middle of April. For general crop sow in open ground in June in hills three feet apart.

## Early Varieties, Pointed Heads

### Charleston Wakefield *A favorite with the market gardeners.*

Resembles the Early Jersey Wakefield in form but it is much larger. Matures equally as early. Very uniform in shape and very desirable for the market gardener.

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

### Jersey Wakefield, Early *Although this variety is not as*

early as the preceding one, it will be found the very best conical heading sort to come in immediately after. It is very compact, medium size, conical and a sure header. *Extra selected stock.*

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**EXPRESS, EXTRA EARLY.** This variety is ready for market or table use in about 75 or 80 days after sowing the seed. *It is the earliest variety grown, but does not have as hard a head as the later varieties. Leaves grow compactly together and it may be planted very closely.*

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

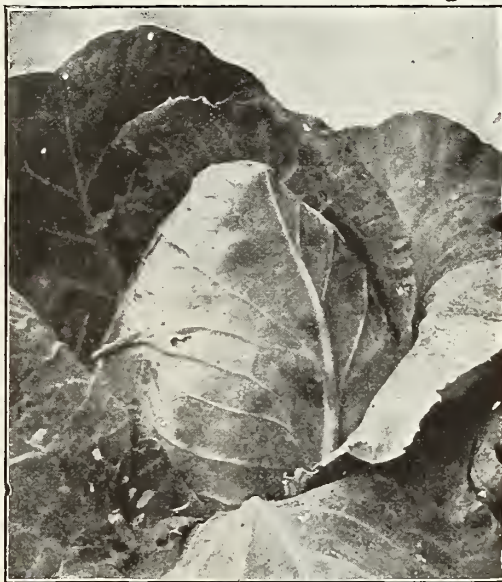
**WINNIGSTADT, EARLY.** Heads are very regular, conical, solid and a good keeper. Excellent for general use, being a sure header.

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

## Early Summer Flat Heading

**COPENHAGEN MARKET.** The heads are very solid with a small core and of fine quality; the average weight about ten pounds. It matures as early as the Charleston Wakefield and will give a much heavier yield than that popular variety; the plant is short stemmed. Leaves are light green and very tightly folded.

Pkt. 20c., ½ oz. 75c., oz. \$1.25, ¼ lb. \$4.00.



Cabbage, Early Jersey Wakefield

### Early Spring *The best extra early round head variety. It matures with the*

Wakefield, yielding one-third more than the other extra early varieties. Heads are uniform and remarkably solid, even when small, and have few outside leaves. *The popular market garden variety.*

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

### Early Summer, Henderson's *One of the best second*

early large heading varieties, coming about ten days after the Early Jersey Wakefield. Heads medium size, solid, flat and good quality.

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

### Glory of Enkhuizen

Earlier than the All Seasons; of medium size, globe shaped and handsome dark green color, just right for the market. Leaves fine ribbed; outer leaves set close to permit close planting. Where this variety has been tried in market growing districts the growers have been very enthusiastic.

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

## Savoy, or Curled-Leaf

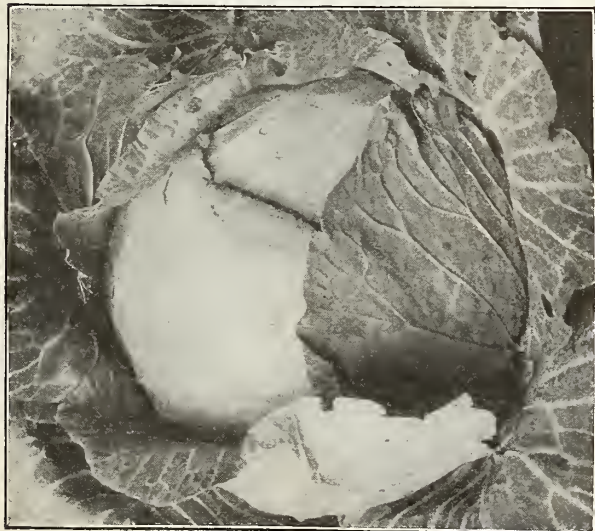
### Savoy, Globe-Curled *The favorite for market garden-*

ers. Leaves are wrinkled and dark green. Heads very hardy and improved by frost. Excellent quality and sure header.

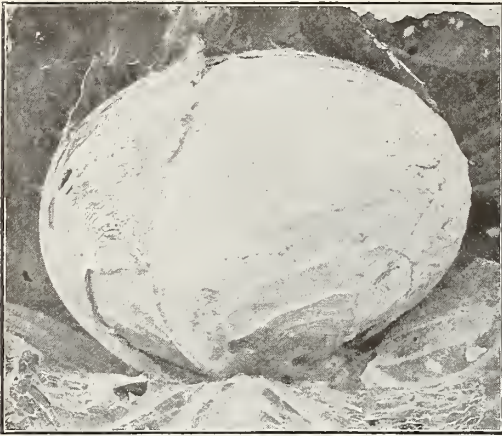
Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**SAVOY, GLOBE CURLED.** A selected strain of the above. *This seed is grown in Winchester, Mass., from a market gardener's private stock.*

Pkt. 15c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.75.



Cabbage, Early Summer



Cabbage Stone-Mason, "Warren's Strain"

## CABBAGE—Continued

## Fall and Early Winter Varieties

**Brunswick, Fottler's** *The best for early Fall use.* In this vicinity the Brunswick is considered second to none by the market gardeners. Plants are very short stemmed; large leaves and very compact. Heads are large, flat, solid and of fine quality.

Pkt. 15c., ½ oz. 50c., oz. 85c., ¼ lb. \$3.00.

**Succession** Very similar to the All Seasons. It is an excellent round heading variety.

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**ALL-HEAD.** One of the largest second early sorts; excellent quality. It is remarkably solid, deep, flat and very uniform.

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**ALL SEASONS.** A very early variety with large deep heads and excellent quality. Equally good as early or Fall Cabbage.

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**SURE HEAD.** The heads are uniform in size and very hard and firm. They weigh from ten to fifteen pounds each. Is of the flat Dutch type.

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**CAPE ELIZABETH** (Portland). A valuable late Drumhead variety; excellent keeper.

Pkt. 15c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.75.

**VOLGA.** Its uniform heads, short stems and very little foliage are its best recommendations for the market gardener. It is excellent for medium early or late Fall use. Excellent keeper.

Pkt. 10c., ½ oz. 35c., oz. 60c., ¼ lb. \$2.00.

## Red Cabbage

**Large Red Drumhead** Heads are large, round, very solid and deep red color. While there are many new varieties we know of none superior to our strain of Large Red Drumhead.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**BLOOD-RED ERFURT.** Head is small, nearly round and very hard. Is of exceedingly deep color and one of the best keepers.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**MAMMOTH RED ROCK.** Heads are always deep red color and extremely solid. Average weight about ten pounds each.

Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

## Late Fall and Winter Varieties

Stone-Mason, Warren's Strain *The most popular*

variety for market gardeners in this vicinity. For the main crop for storing in Winter it is unequalled. Grows medium size with only a moderate number of leaves. Heads are large, round or slightly flattened; very solid and crisp; exceedingly fine flavor. The best for the main Winter crop. All of the above stock is especially selected and grown for us from a market gardener's private stock of the true David Warren strain.

Pkt. 20c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.75.

**STONE-MASON.** An excellent strain of the above, grown by one of our most reliable seed growers.

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**Emperor** or **Danish Ball Head.** Remarkable for its hard heading qualities; one of the best for shipping. Heads when ready for market are fully one-quarter heavier than any other variety of similar size. The weight recommends it to the market gardeners as a money maker.

Pkt. 15c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.75.

**Danish Round Head** Produces round or ball-shaped heads of great solidity and intensely deep rich color. The growth of plant is strong and very compact; the heads are perfectly round, from six to eight inches in diameter. The extra dark coloring, remarkable hardness and large size of heads make it an excellent market type as well as most desirable for the home in slicing for slaw, salads, etc.

Pkt. 15c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.75.

**PREMIUM FLAT DUTCH.** Heads large, solid, broad and flat on top. Excellent Winter variety.

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**MARBLEHEAD MAMMOTH.** Should be set from 3½ to 4 feet each way. The heads often grow to weigh sixty pounds each. The largest variety of the Drumheads.

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.75.

**CHINESE CABBAGE** (Pe-Tsai).

Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.



Cabbage, Danish Round Head



# CARROTS

*One ounce will sow 100 feet of drill; three to four pounds required for acre.*

**CULTURE.**—April is the time to sow for early use. Sow seed in drills twelve to fifteen inches apart, and thin out from three to four inches in drill, covering seed about one-half inch. For general crop sow in May same distance apart as above, but cover seed a little deeper, as sun is stronger. Perfect specimens require a fine, pulverized, deep soil.

## Danvers Half-Long Improved

*the most profitable for the market gardeners.* A half long orange Carrot. Roots medium length, tapering uniformly to a blunt point; smooth and handsome. Flesh sweet, crisp and tender. It is a desirable second early

(Stump Root.) *For a general crop the best; the largest yield;*

Carrot for the home garden and is also suitable for field culture. The tops are of medium size. The mature roots are six to eight inches long. Although the roots of this variety at maturity are comparatively short they often produce as large a bulk as the longer field sorts and are more easily harvested. The Danvers Half-Long originated in Danvers, Mass., where the raising of Carrots is a specialty. It is now grown largely everywhere on account of its great productiveness and great adaptability to all classes of soil. Great care has been taken in the selection of roots for seeds.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**DANVERS HALF-LONG** (Special Strain). We have grown for us a special selection of this Carrot by a market gardener in Danvers. After years of careful attention to shape, color and productiveness for his own private use he has produced a variety as nearly perfect as possible. Our supply is limited.

Pkt. 15c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.75, lb. \$6.00.

**CHANTENAY, HALF-LONG.** A most excellent, medium early, half-long variety. It is one of the best in quality for the market and home garden, while its great productiveness and the ease with which it can be harvested make it desirable as a field sort. The tops are medium sized with small neck. The mature roots are thick, five and one-half to six inches in length, uniformly half-long or stump rooted but tapering slightly; smooth, deep orange-red in color. The flesh is very crisp and tender. Although a medium early sort the roots are suitable for use nearly as early as any. The variety is extensively used for bunching.

Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**EARLY SCARLET HORN** (Stump Root). One of the best early forcing varieties, this being used mostly for forcing and extra early planting. It is very fine, green and of excellent flavor as a table Carrot. Grows well in shallow soil, being a short variety with small top.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**FRENCH FORCING.** *Earliest Short Horn.* One of the earliest varieties in cultivation and very desirable for forcing. The tops are very small. The roots are reddish orange and are nearly round when forced, but somewhat longer when grown outdoors. When fully matured the roots are about two to two and one-half inches long.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**GUERANDE, or OXHEART.** Roots are broad at the top, terminating abruptly in a small tap root. On account of their shape they are easily dug. Flesh is a bright orange, fine grain and very sweet. The mature roots are four and one-half to five inches long, very thick, ending abruptly in a small tap root. When young the roots are desirable for table use as a medium early Carrot, and when mature they are equally good for stock feeding. Tops are small for the size root. Grows well in soil too hard for the longer growing sorts.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

Additional varieties, see page 18.



Carrot Chantenay



**CARROTS—Continued**

**LARGE WHITE BELGIAN.** Root is pure white with green above ground. Small top, flesh rather coarse; roots grow to a large size on light, rich ground, usually about one-third above the ground.

**Pkt. 5c., oz. 20c., ¼ lb. 50c., lb. \$1.75.**

**LONG ORANGE IMPROVED.** The roots of the improved strain of this variety we offer are very deep orange, long and comparatively thick, often twelve inches in length and three inches in diameter at the crown, tapering regularly to a point. The tops are rather large. This intermediate sort is suitable for table use as well as stock feeding, combining great productiveness with uniform shape where grown in light, deep, rich soil. When of size suitable for the table, the roots are tender and of good quality.

**Pkt. 10c., oz. 20c., ¼ lb. 60c., lb. \$2.25.**

**NANTES HALF-LONG.** The sweetest of all Carrots. Roots are smooth, almost cylindrical and of a bright orange color, growing about six inches long. The flesh is bright orange, becoming yellow in the center but without any distinct core; sweet and sugary; not apt to crack open while growing. This variety is of the finest quality and is one of the most symmetrical and handsome of the medium sized varieties. An excellent table sort and a heavy cropper.

**Pkt. 10c., oz. 30c., ¼ lb. \$1.00, lb. \$3.00.**



## CAULIFLOWER

*One ounce of seed produces about 2,000 plants.*

**CULTURE.**—Cauliflowers require very high cultivation, even more so than Cabbage, and plenty of moisture. There is no more delicious vegetable grown. Cold-frame plants are probably the best and hardest for early crops; the frames, however, need rather more protection during cold nights than is required for Cabbage plants. Seed sown in hotbeds in February will produce plants that are not inferior to coldframe plants. They should be transplanted once before setting in the open ground, and also should be gradually hardened by exposure; in this way they may be in condition to set out as early in April as the ground will permit. Set the early sorts about 2 feet by 15 inches, and cultivate the same as Cabbage. Where irrigation is practicable, great advantage is thus obtained during a drought. For late Cauliflower, sow seed in open ground from the middle of May to the middle of June, in hills the same as directed for late Cabbages. When the heads are forming, tie the leaves together at the top, thus avoiding the discoloration by exposure to the sun.

**CAULIFLOWER PLANTS.** See page 48.

**Early Snowball, Henderson's** Its dwarf habit and short outside leaves allow it being planted very close together. An extremely early variety producing magnificent white heads of finest quality. For market gardeners' use it is one of the most profitable. Excellent for family use.

**Pkt. 25c., ¼ oz. \$1.00, ½ oz. \$2.00, oz. \$3.50.**  
**EARLY PARIS.** Early sort, rather large heads and quite compact.

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**



Early Snowball Cauliflower

Carrot  
Nantes Half-Long



## Fottler's Champion Erfurt

(Extra selected.)

We have sold this strain of Cauliflower for many years, and it has invariably proved satisfactory. The heads are uniformly large, compact, white and well formed. We know of no variety that is its superior, and our largely increased sales from year to year are evidence that it is found to be reliable by our customers, many of whom use it in large quantities.

**Pkt. 25c., ¼ oz. \$1.00, ½ oz. \$2.00, oz. \$3.50.**

## Sea Foam

It is of a dwarf and compact habit; medium-sized heads; firm and attractive in appearance. *Unsurpassed in quality*, almost a sure header; nearest to a snow-white head in Cauliflower. For forcing we do not think is it equaled.

**Pkt. 25c., ¼ oz. \$1.00, ½ oz. \$2.00, oz. \$3.50.**

## Danish Giant

(Dry Weather.)

The growth is very similar to that of Early Dwarf Erfurt, but with heavier foliage, and is less liable to blight in hot weather. It has been grown with excellent results where other varieties fail to form heads, especially in locations subjected to long droughts.

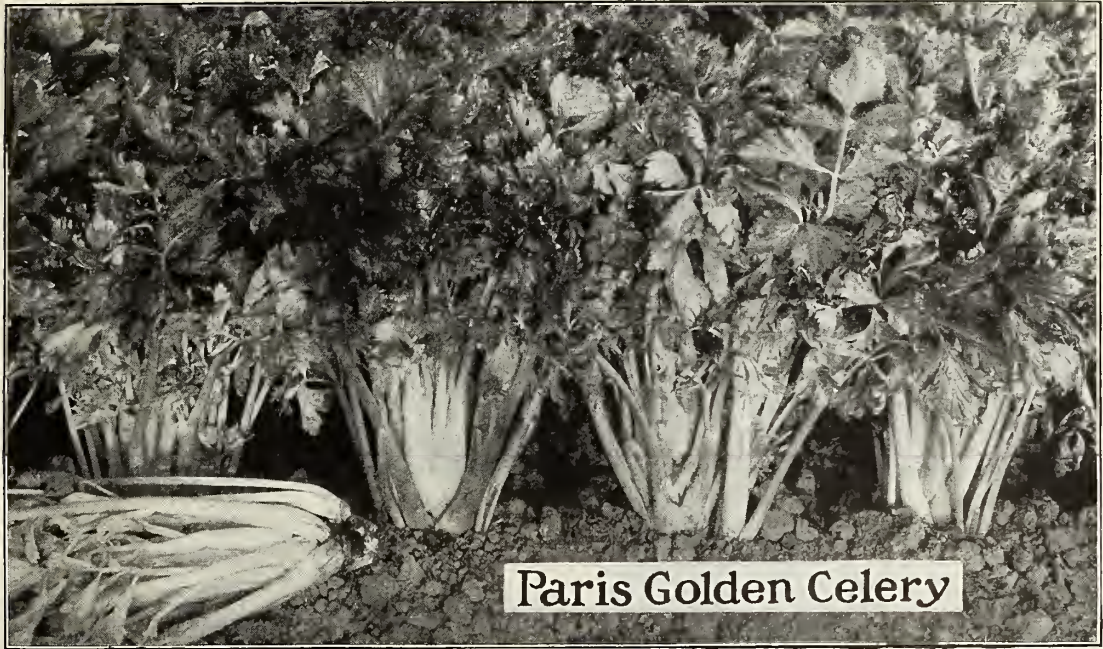
**Pkt. 25c., ¼ oz. \$1.00, ½ oz. \$2.00, oz. \$3.50.**

**EARLY DWARF ERFURT.** One of the popular varieties used in this section for the market garden. Plants are compact with few narrow, upright leaves, making it especially valuable for close planting and large yields. Heads are extra large size, pure white and averaging eight to nine inches in diameter. Market gardeners will find this variety runs very even in size.

**Pkt. 25c., ¼ oz. \$1.00, ½ oz. \$2.00, oz. \$3.50.**

**ALGIERS.** A large and popular late variety. Largely grown for the New York markets.

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**



Paris Golden Celery



## CELERY

*One ounce will produce about 3,000 plants. One-half pound of seed sufficient to sow one acre.*



**CULTURE.**—The proper time to sow is early in April, transplanting about the first of June. Set in rows 3 feet apart, and about 12 inches between plants in the row. Some gardeners trim off the tops a little, while the plants are small, to make them more stocky. Keep down all weeds, and, as Fall approaches, draw earth up to the plants, keeping the stalks well together. This earthing-up is continued at intervals, until only the leaves appear above the soil. When well blanched is ready for use. For Winter use it is usually placed in frames and covered with earth and litter or stored in cool cellars. Comparatively few soils are suited to Celery culture. Rich, mellow soils of a sandy nature are best, while soils that settle and become hard after rain are unsuitable. The seed, being very small, should be covered very lightly.

**Boston Market** (Grown in Arlington). *It is superior in quality to all other varieties, and is very popular with the market gardeners. It is unexcelled for its tender, crisp and succulent stems and its peculiarly mild flavor. Forms a cluster of heads instead of a large single one. To blanch, earth up about six weeks.*

**Pkt. 15c., ½ oz. 60c., oz. \$1.00, ¼ lb. \$3.00.**

**Paris Golden** (Self-Blanching). *For beautiful appearance and extreme earliness this variety is unexcelled. Its compact growth and straight, vigorous, rich, golden yellow stocks are what make this Celery in such demand. It is self-blanching to a remarkable degree. In the vicinity of Boston it is the main early Celery raised by market gardeners. This seed is one year old and tested as to its purity.*

**Pkt. 25c., ½ oz. 75c., oz. \$1.25, ¼ lb. \$4.00.**

**PARIS GOLDEN.** The same variety as offered above, but American-grown seed.

**Pkt. 15c., ½ oz. 45c., oz. 80c., ¼ lb. \$1.50.**

**GOLDEN DWARF, or GOLDEN HEART.** Dwarf habit, very solid and an excellent keeper.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.75.**

**WINTER QUEEN.** It is one of the very best late varieties. A strong grower, thick ribbed; blanches a beautiful cream white. Rihs are solid, crisp and have a delicious nutty flavor.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.75.**

**ROSE RIBBED.** Medium early, compact growing and light shade of pink.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.75.**

**Giant Pascal** *For the market gardener this is the most profitable Celery for Fall or Winter use. This is a green-leaved variety, developed from the Paris Golden; it is somewhat larger and taller and its fine nutty flavor is free from any bitter taste. It grows about two feet high, and the stalks are broad, thick and crisp, blanching with but slight earthing-up very quickly.*

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.75.**

**WHITE PLUME.** In some sections of the country this variety is produced in large quantities. Is very attractive when ready for use. Plants are light yellowish green, tips of leaves almost white.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.75.**

**SOUP CELERY.** For flavoring.

**¼ lb. 20c., 1b. 60c.**

**CELERY PLANTS.** See page 48.

### Celeriac or Turnip-Rooted Celery

*One ounce will sow a bed of nine square yards.*

**CULTURE.**—Sow in light rich soil early in Spring; transplant in May in beds and water freely. When plants are full grown earth up the bulbs to a height of four or five inches. In a month they will be blanched. The roots will be ready in October and are used in soups.

**Apple Shaped.** Of a very regular, almost spherical shape, with a fine neck and small leaves.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**

**Large Smooth Prague.** An improved form of turnip-rooted Celery, producing large, smooth roots, which are almost round.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**



Cucumber, Improved White Spine

## CUCUMBER

One ounce will plant about 50 hills; one to two pounds to the acre.

**CULTURE.**—To obtain early Cucumbers plant the seeds about the first of May in frames, without much bottom heat, or small pots may be plunged into the soil in the frames, and a few seeds placed in each. In three or four weeks these may be transplanted into open ground. Hills 3 or 4 feet apart each way. When the plants are well started, thin out, leaving four of the strongest in each hill. Seeds may be planted in hills late in May, making the crop somewhat later. For pickles, plant during the last two weeks in June.

### Extra Early Varieties

**Early Frame.** Medium size, very early, excellent for pickles. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Early Green Clusters.** Very early, short pickling variety; bearing fruit in clusters near the root. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Early Russian.** The earliest Cucumber that we know of. Fruit usually set in pairs, and first blossoms usually produce fruits. Small, oval, pointed at each end and good quality. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Rawson's Hothouse** The finest strain of Cucumber for forcing and outdoor planting in existence. It is an improvement on Rawson's White Spine, the fruit being two inches longer and darker green in color. We have attained this result by years of selection, and feel confident that this strain cannot be equaled in this country. The great number of complimentary letters we have received warrant us in making the above claim, and we cannot recommend it too highly. Pkt. 25c.,  $\frac{1}{2}$  oz. 50c., oz. 90c., 4 oz. \$2.50, lb. \$8.00.

**Arlington White Spine** (For forcing). This variety is one of superior quality for forcing. Color is dark green, with very little of the white spine showing; it is extra long. Fruit grows very even in size and regular in form. Equally good for outdoor planting. Pkt. 15c.,  $\frac{1}{2}$  oz. 20c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.50.

**Davis Perfect Forcing** (For forcing). It is long and very dark green; shows the white spine only at the blossom end; grows remarkably uniform and is a very shy seeder. The average length is from ten to twelve inches. Desirable for outdoor growing. Pkt. 10c.,  $\frac{1}{2}$  oz. 15c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Improved White Spine.** The market gardener's favorite for field culture. It is one of the best sorts for the table, on account of its color, which seldom changes to a yellow when kept after being picked. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Giant Pera.** Frequently grows twelve to eighteen inches long. Fruit very smooth, straight, dark green, with very few seeds; excellent flavor. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$1.75.

**Japanese Climbing.** Cucumbers are thick, exceedingly tender and of delicious flavor; flesh pure white, skin dark green, turning brown, and netted when ripened. Vine vigorous and throws out strong tendrils, which enable it to climb any support. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$1.75.

**Cumberland.** One of the newer varieties and a very rapid, vigorous grower and very prolific. Thickly set with very fine spines over the entire surface, except the extreme end. Firm, crisp and tender. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

### Pickling Varieties

**Boston Pickling** For pickling this variety is superior to all others. Its fruit is short, pointed at each end, bright green, uniform in size, very productive and of superior quality. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**Improved Long Green, or Jersey Pickling.** The standard variety for pickling; dark green, productive, tender, crisp and of fine flavor; uniform in size. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Green Prolific.** Medium early; fruits short, pointed at each end, bright green, uniform in size, very productive and of superior quality. Pkt. 10c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.

**West Indian Gherkin, or Burr.** Used exclusively for pickling. The fruits are two to three inches in length; thick, rounded form, closely covered with spines. Vines rather slender with small foliage. It has no value for slicing. Seeds germinate very slowly. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

### English Frame Varieties

**Lockie's Perfection.** Very popular for private use, medium length, smooth and of deep color. Pkt. 50c.

**Rockford's Market.** A grand Cucumber for market, its color being in its favor. Pkt. 50c.

**Telegraph.** Of the many strains of this Cucumber, we have not seen the equal of this; the best for market. Fruit 20 inches long. Pkt. 50c.

# SWEET, or SUGAR CORN

One pound will plant 200 hills; 10 pounds sufficient for one acre in hills.

By Parcel Post add Postage at Zone Rates  
(See second cover page)

## Extra Early Varieties

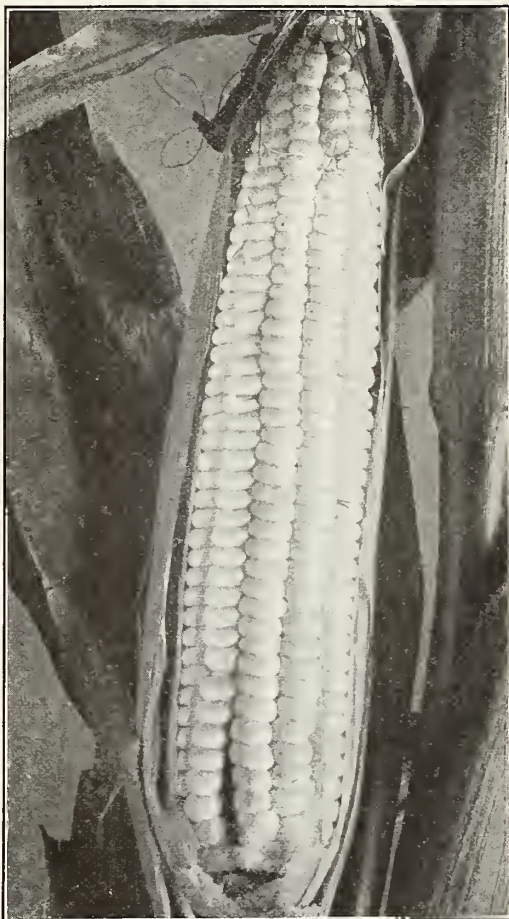
**Aristocrat** One of the largest extra early varieties. Stalks grow from 4 to 6 feet high and ears are of large size. The grains are extremely sweet, and, being broad, allow of easy scoring with a knife preparatory to buttering when eating from the cob. Ripens with the Cory. Pkt. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.

**BURBANK EARLY MAINE.** Medium size ear, with white cob and kernel. An excellent variety for the market gardener. Pkt. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.

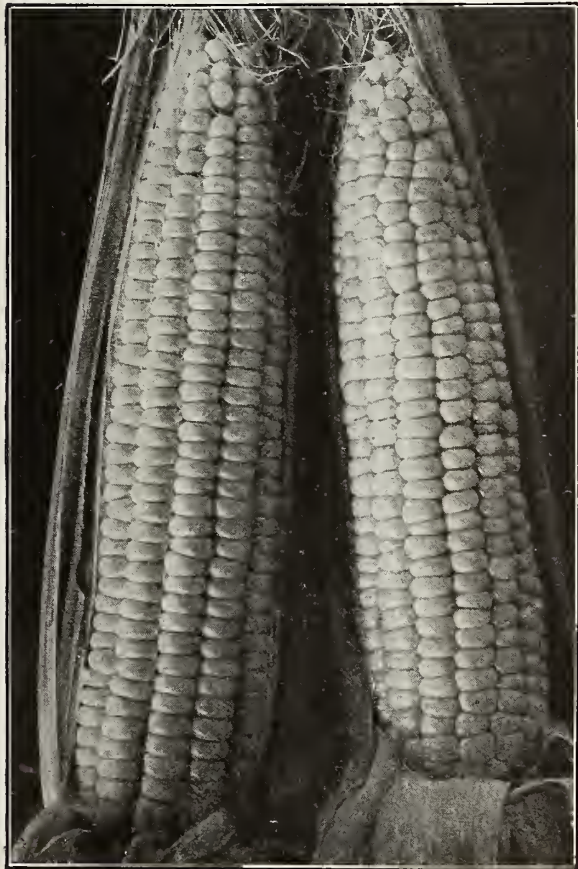
**Crosby Extra Early** or **BOSTON MARKET.**  
(Josiah Crosby Strain.)

Excels in quality the extra early varieties. Ears are rather short, averaging from twelve to sixteen rows of rich sugary flavor; very productive. One of the best for canning, and we believe without a rival in the extra early varieties. Pkt. 15c.,  $\frac{1}{2}$  lb. 30c., lb. 50c., 5 lbs. \$1.75, 10 lbs. \$3.00.

**CHAMPION EARLY.** Large, handsome, twelve-rowed ears of excellent flavor; ripens directly after the Early Crosby. Pkt. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.



Sweet Corn, Pocahontas



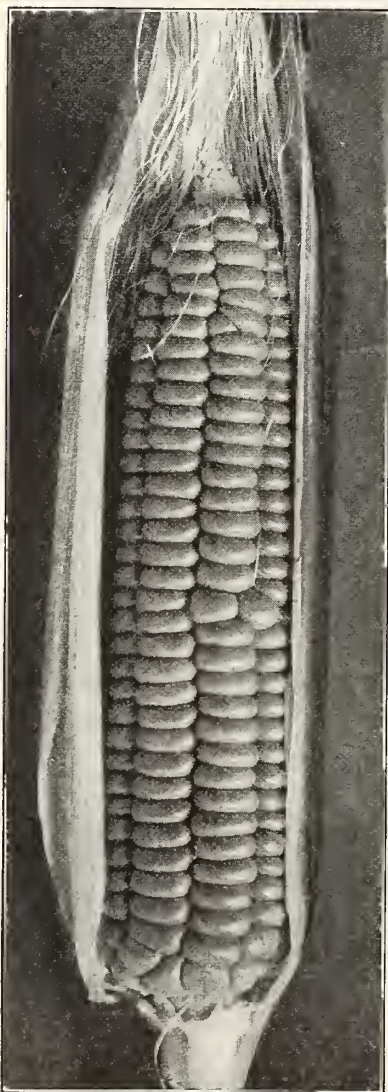
Sweet Corn, Granite State

**CORY, RED COB.** One of the earliest and best extra early varieties. Ears are eight-rowed, medium size, with red cob. The popular extra early variety for the market. Pkt. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.

**CORY, WHITE COB.** Similar to the above with white kernels. One of the most popular varieties for first early crop. The 6- to 7-inch ears are well filled, with 12 rows of pearly white, large grains. Our strain of this is extremely uniform in both size of ears and height of stalk; we select it that way. Stalks grow  $4\frac{1}{2}$  feet high, each generally bearing two, large, finely shaped ears. The size and beauty of this variety give it ready sale even where the market is overstocked. Pkt. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.

**METROPOLITAN.** Largest variety in the extra earlies. This, combined with the excellent flavor, makes it one of the most profitable in the list. Large kernels, ten to twelve rows, ears from eight to ten inches long. Pkt. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.

**PEEP-O'-DAY.** This is said to be ten days earlier than any other variety. Small stalks, very prolific, medium size ear. Pkt. 15c.,  $\frac{1}{2}$  lb. 25c., lb. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.



Golden Bantam

acter, vigorous growth, and surpassingly delicious flavor. Although the dry grain is entirely free from any flinty glaze, it is exceptionally hard and firm, hence can be planted earlier than any other true Sweet Corn. The stalks are dwarf and sturdy in habit, growing to a height of four feet; they bear two or three good, small ears, which have eight rows of broad yellow kernels.

**Pkt. 15c., ½ lb. 30c., 1b. 50c., 5 lbs. \$1.75, 10 lbs. \$3.00.**  
**MOORE'S CONCORD.** Large, handsome, fourteen-rowed ears, produced low on the stalk; large yielder and fine keeper.

**Pkt. 15c., ½ lb. 25c., 1b. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.**

### Granite State

We found this to be early, maturing just after the Extra Early Crosby, and before the Early Crosby. The ears are very large for early Sweet Corn and set well down on the stalk; generally produce two fine ears to a stalk and measure seven to nine inches in length with twelve or fourteen rows of good-sized, pearly-white grains. Ears are covered with a heavy husk which extends well out from the tip and affords good protection from green worms, often destructive to early Corn.

**Pkt. 15c., ½ lb. 30c., 1b. 50c., 5 lbs. \$1.75, 10 lbs. \$3.00.**

**BLACK MEXICAN.** Although the ripe Corn is black, when in a condition for the table it is white. Exceedingly sweet flavored; one of the best for home use.

**Pkt. 15c., ½ lb. 25c., 1b. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.**

### EXTRA EARLY VARIETIES—Continued

#### Pocahontas

Similar to the White Cob Cory. The plant is of dwarf habit and very robust. The ears are of good size and are always well filled, having no gaps between the rows—a common fault of many early sorts. The flavor is excellent for so early a variety. While we recommend it primarily as a first early sort, it has been found to have great value for the latest crops, as it may be planted in this vicinity as late as July 15th, thus prolonging the season for Sweet Corn to its utmost length.

**Pkt. 15c., ½ lb. 25c., 1b. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.**

**QUINCY MARKET.** Nearly as early as Cory, but larger and much sweeter; twelve-rowed. Of excellent quality; valuable for the family garden as well as for market. It is ready for the table a little in advance of Early Crosby, and is often sold in the markets as Crosby, a variety which in a green state it strongly resembles. A strictly reliable variety; a pleasure to recommend.

**Pkt. 15c., ½ lb. 25c., 1b. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.**

### Medium Early Varieties.

#### Concord Bearsfoot

Of the medium early varieties this is one of the most popular for the market.

Has a large ear, rather flattened at the end, of excellent quality.

**Pkt. 15c., ½ lb. 30c., 1b. 50c., 5 lbs. \$1.75, 10 lbs. \$3.00.**

#### Crosby Early

Ears are larger than the Josiah Crosby strain, the stock growing taller, ears long and larger.

*Best for all early markets.*

**Pkt. 15c., ½ lb. 25c., 1b. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.**

#### Golden Dawn

Ripens with the Early Crosby; grows about 5½ feet high; very productive, having two or

three good ears on a stock. The ears are borne two to a stalk and are about six inches in length with eight rows of kernels on a cob.

The golden kernels are lightly covered with a glossy skin, seemingly ready to burst. Stalks medium high and with heavy foliage. Quality is unequalled.

**Pkt. 15c., ½ lb. 30c.,**

**1b. 50c., 5 lbs. \$1.75,**

**10 lbs. \$3.00.**

#### Potter's Excelsior,

or **SQUANTUM.** The

richest flavored of all the medium early white Corns.

Ears good size, twelve

rowed, deep kernels, re-

markably sweet, sugary

and tender. A favorite

with the market gardeners.

**Pkt. 15c., ½ lb. 25c.,**

**1b. 40c., 5 lbs. \$1.50,**

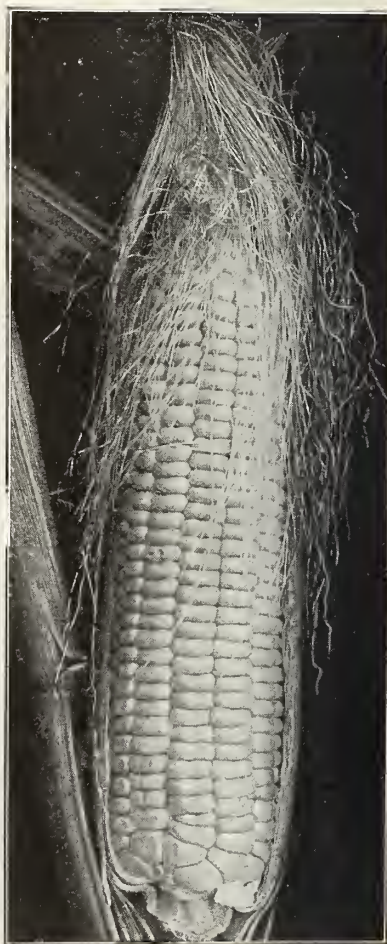
**10 lbs. \$2.50.**

#### Golden Bantam

Is becoming each year

more popular because of

its extremely early char-



Golden Dawn

## Late Varieties.

**Country Gentleman**

This popular variety has a small, white cob, densely covered with irregular rows of very long, slender, white "shoe-peg" grains of excellent quality. The ears are 7 to 9 inches long; stalks from 6½ to 7 feet high, many yielding three ears each. Fine for the home market or fancy local trade. Considered by many as the best flavored late corn.

Pkt. 15c., ½ lb. 30c., 1b. 50c., 5 lbs. \$1.75; 10 lbs. \$3.00.

**Stowell's Evergreen**

The standard late crop variety of Sweet Corn. The stalks are strong and vigorous and grow 7 to 8 feet high and bear ears 8 inches long, with 16 or more rows of the finest sugary grains. A very productive sort with deep set white tender kernels. For the home garden, the market grower or canning factory, it is always successful. We have specialized in this variety for many years, and feel that strain is the best that is possible to obtain. New England grown seed develops a larger percentage of sugar than seed grown in other sections of the United States.

Pkt. 15c., ½ lb. 30c., 1b. 50c., 5 lbs. \$1.75, 10 lbs. \$3.00.

**MAMMOTH SWEET.** Produces mammoth ears which are very thick through, with rows of large, broad grains of excellent quality; follows Stowells in maturing.

Pkt. 15c., ½ lb. 25c., 1b. 40c., 5 lbs. \$1.50, 10 lbs. \$2.50.

**EARLY MAMMOTH.** An excellent variety coming about 10 days earlier than the Late Mammoth.

Pkt. 15c., ½ lb. 25c.,  
1b. 40c., 5 lbs. \$1.50,  
10 lbs. \$2.50.

**WASHINGTON MARKET.** A large variety, delicious flavor; exceedingly popular in this market.

Pkt. 15c., ½ lb. 25c.,  
1b. 40c., 5 lbs. \$1.50,  
10 lbs. \$2.50.

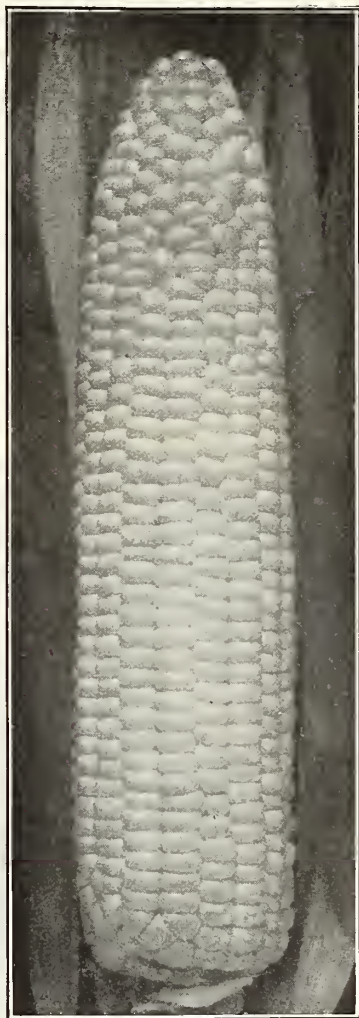
**Corn for Popping**

Pkt. 10c., ½ lb. 20c.,  
1b. 35c.

**QUEEN'S GOLDEN.** Medium sized ears. Kernels yellow and pops perfectly white; quality excellent.

**WHITE RICE.** Ears short, kernels long, pointed white.

**RED BEAUTY.** Ears medium. Kernels round and red.



Stowell's Evergreen

**Corn Salad, or Fetticus.**

One ounce will sow 20 feet square.

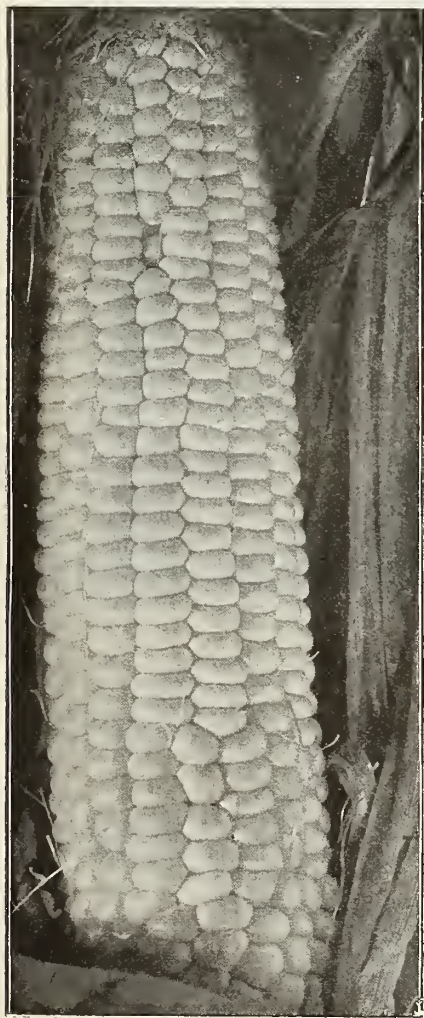
**CULTURE.**—Is generally sown in August or September. Sow quite thick about one-quarter inch deep, thin out and keep clear of weeds. Protect in Winter by thin covering of straw or meadow hay. Ready early in Spring; use same as Lettuce. For Summer use sow early in Spring.

**CORN SALAD** (Lamb's Lettuce). The well-known common variety.

Pkt. 10c., oz. 25c., ¼ lb. \$2.50.



D.L.C.



Potter's Excelsior

Corn Salad

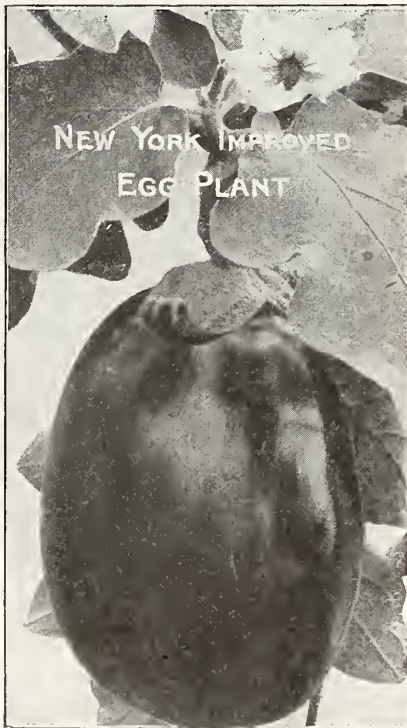
## Dandelion (Löwenzahn)

One ounce will sow 100 feet of drill. One and one-half to two pounds will sow one acre.

**CULTURE.**—Sow as early as the season will allow, in good, well-manured ground in rows twelve inches apart. Cover seed quarter-inch deep and press down soil after sowing. Thin plants to three inches in row; by so doing the roots will be larger and time saved next Spring in gathering the crop.

**French Thick-Leaved.** While there are several varieties of Dandelion used for market purposes, the *French Thick-Leaved* is the most popular in this vicinity. It is a large-leaved variety of upright growth. Our stock has been carefully selected by growers who make a specialty of the Boston market.

**Pkt. 15c., ½ oz. 50, oz. 75c.,  
¼ lb. \$2.50.**



## Gourds, Ornamental

Climber. Quick growing vines; excellent for covering arbors, walls and waste places. Gourds grow in very curious shapes and are used for house ornaments.

<b>Bottle Shaped</b> ( <i>Lagenaria vulgaris</i> ) Pkt.	
Light green .....	Oz. 25c. \$0.05
<b>Dipper or Calabash</b> .....	Oz. 25c. .05
<b>Dish Cloth</b> ( <i>L. Corsica</i> ) .....	Oz. 25c. .05
<b>Egg Shaped</b> ( <i>Cucurbita ovifera</i> )	
White .....	Oz. 25c. .05
<b>Hercules' Club.</b> Often 4 ft. long..	
.....	Oz. 25c. .05
<b>Powder Flask</b> ( <i>L. pyrotheca</i> ) .....	
.....	Oz. 25c. .05



Endive, Broad-Leaved Batavian

## Egg Plant (Eierpflanze)

One ounce will produce about 1,000 plants.

**CULTURE.**—Sow early in March in hotbed, transplant to four or six inches apart. Plant out in open ground about May 20, two feet apart in row and three feet between rows. Egg plants are very tender and will not stand frost.

**New York Improved.** More largely grown for market than all other varieties. Its color is deep purple, very large in size, fine quality and excellent keeper. **Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

**Black Beauty.** Is from ten to twelve days earlier than the New York fruits; broad, thick. **Pkt. 15c. ½ oz. 45c., oz. 85c., ¼ lb. \$3.00.**

**Early Long Purple.** A very popular variety for market, especially in the northern section. **Pkt. 10c. ½ oz. 45c. oz. 85c., ¼ lb. \$3.00.**

## Egg Plant Plants

Ready  
May 15th

**New York Improved.** The most satisfactory to grow. Pot grown, per doz. \$1.00; hotbed grown, per doz. 75c.

## Endive (Endivien)

One ounce will sow  
150 feet of drill.

**CULTURE.**—Sow in May for early use about one-quarter inch deep in rows ten to twelve inches apart; thin out plants to eight inches in row. Before using, plants require to be blanched, which is done by gathering the outer leaves to a point and tying with soft twine or raffia. For late use sow up to last of June.

**Broad-Leaved Batavian, or Escarolle.** The most popular variety for the market. This is the Chicoree Escarolle used chiefly in salads. **Pkt. 10c. oz. 30c., ¼ lb. \$1.00.**

**Giant Fringed.** Broad leaves with a large, white heart and is an exceedingly strong grower. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

**Green Curled.** Beautiful growth of dark green leaves, tender and crisp. Hardest of all. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

**White Curled.** Resembles the green except the color. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

## Fennel

**Florence, or Naples.** Resembles Celery in flavor, but has a sweet taste and delicate odor. Should be sown in Spring in drills 18 inches apart and the plants should be thinned to 5 or 6 inches apart. **Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**

## Horse Radish

Plant the sets in May, small end down, with top one inch below the surface, in rich, well-cultivated soil. Before planting set should be cut off slanting so as to prevent decay from water resting on top. Roots ready to pull in October. Small roots, ready for planting, doz. 20c., 100 \$1.00, 1000 \$8.00. If wanted by Parcel Post, add 5c. per 100.

## Kale (Blätter Kohl)

Sow four pounds to the acre; one ounce will sow 150 feet of drill.

**CULTURE.**—For Spring use sow in September and protect during Winter with covering of straw. For Fall use sow in May or June, cover seed one-half inch deep. Transplant in rows three feet apart and two feet apart in row. Kale is improved by a little frost, giving it a more delicate flavor.

**Dwarf Curled Scotch.** *Extra fine curled, bright green leaves, tender and fine flavor. Is very hardy and, like Savoy, is improved by moderate frost. Pkt. 10c., oz. 25c., ¼ lb. 75c.*

**Siberian,** or **German Greens (Sprouts).** A very hardy variety. Popular with the market gardeners, very fine curled. Should be sown in September in rows one foot apart for Spring greens.

**Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

**Tall Curled Scotch.** Leaves are bright green, exceedingly fine, curled, tender and fine flavor. Very hardy.

**Pkt. 10c., oz. 25c., ¼ lb. 75c.**

**Spring, or Large Seeded.** Curled dark green leaves. Should be sown as early as the ground can be worked in the Spring. Rows eighteen inches apart.

**Pkt. 5c., oz. 15c., ¼ lb. 25c.**



Dwarf Curled Scotch Kale

## Kohl-Rabi (Kohlrabi)

One ounce will sow a drill 200 feet long.

**CULTURE.** For early use sow in March or April in hotbed, or in open ground in May. Cover seed one-quarter inch deep; transplant into rows two feet apart and plants from ten to twelve inches apart in rows.

**Early Purple Vienna.** Above ground, fine early sort; excellent table variety.

**Pkt. 10c., oz. 35c., ¼ lb. \$1.00.**

**Early White Vienna.** Above ground, similar to preceding, except in color.

**Pkt. 10c., oz. 35c., ¼ lb. \$1.00.**



Kohl-Rabi

## Leek (Lauch)

One ounce will sow 100 feet of drill.

**CULTURE.**—For best results sow as early as the ground can be worked in Spring, in rows one foot apart. Cover seed about one inch deep; transplant when plants are about six inches high in rows six inches apart; plant as deep as possible that the neck being covered may be blanched. Ground should be made very rich.

**Monstrous Carentan.** Is of fine quality and much larger than any other variety.

**Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.50.**

**American Flag.** Strong, vigorous growth, excellent for the market gardener.

**Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.50.**

**Large Rouen.** One of the best for forcing. Leaves are dark green, very broad and thick; remains a long time in good condition.

**Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.50.**



Leek, Monstrous Carentan



# LETTUCE

One ounce for 100 square feet or 120 feet of drill.

**CULTURE.**—For Winter use sow in greenhouse or hotbed and cover seed very lightly. Transplant first to three inches apart and then to eight inches. For outside use sow in rows, covering seed one-quarter inch, the rows eighteen inches apart, then thin out plants to eight inches in row.

**LETTUCE PLANTS.** See page 48.



## Forcing Varieties.

### Arlington White Seed

For sowing in hotbeds and heading with sash off in the Spring, also for early transplanting in the field.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  
 $\frac{1}{4}$  lb. \$1.75., lb. \$6.00.

### Rawson's Crumpled Leaf

One of the largest varieties grown for forcing. Leaves a dark green, slightly crumpled and very tender. Does not head as solid as other varieties.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  
 $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

### Hothouse Lettuce

This is especially adapted for growing in the greenhouse or hotbed. Has a very large head and not liable to rot in the heart, making it a most valuable sort for the market gardener. A favorite in the Boston and New York markets. The largest plain leaf Lettuce.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  
 $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

### Hittinger's Belmont

An excellent forcing variety, dark green leaves and almost a sure header. One of the largest plain leaf heading varieties.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  
 $\frac{1}{4}$  lb. \$1.25, lb. \$4.00.

### Hittinger's Belmont

(Special Private Strain.) Grown by one of the leading market gardeners in this vicinity from his private stock; we have only a limited supply.

Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.00.

**BIG BOSTON.** Large heading variety, plain leaf, very hardy. Edges of leaves have brownish tinge.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.



**GRAND RAPIDS.** As a Lettuce for forcing this variety stands at the head of the list, being of quick growth, hardy, and remaining in condition several days after being fit to cut. The plant is upright and forms a loose cluster of large, thin, bright green leaves, savoyed, finely crimped at edges.

Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**MAY KING.** A recent variety of great value on account of its extreme earliness, large size and tenderness. Will head with heat as well as out-of-doors, though attains a better size with open air culture. Has a globular-shaped head of enormous size, hard and well closed. A decided acquisition.

Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.

## Outdoor Growing for General Crop

### Tennis Ball, Black Seed

A favorite with the market gardener. Heads are well formed, hardy and crisp. Excellent flavor and one of the earliest heading varieties; almost unexcelled; used by market gardeners in this vicinity.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.

**BIG BOSTON.** Large heading variety, plain leaf, very hardy. Edges of leaves have brownish tinge.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

### May King

A recent variety of great value on account of its extreme earliness, large size and tenderness. Will head with heat as well as out-of-doors, though attains a better size with open air culture. Has a globular-shaped head of enormous size, hard and well closed.

Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.

### Salamander

For a Summer variety this is one of the best good sized heads, and stands drought and heat with little injury.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.



**Mammoth Black-Seeded Butter**

The largest and by many considered the best variety for the late crop. Sown from middle of July to middle of August, and produces enormous, finely formed heads of the finest quality.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**HANSON.** An excellent plain leaf with large, solid heads; fine flavor, tender and crisp.

Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**BROWN HEAD.** More generally sown in Autumn and very hardy. Heads of medium size, edge of leaves a reddish brown.

Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**CALIFORNIA CREAM BUTTER.** Heads are round, solid and good sized.

Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**DEACON.** Leaves light green with large, solid heads, very tender and crisp.

Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**MIGNONETTE.** A very small-headed Lettuce, perfectly hardy and solid. One of the finest for the home garden.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**SIMPSON, BLACK SEED.** Heads are large; plain leaves light in color.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**WONDERFUL.** One of the large varieties; very crisp and tender.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**Romaine, or Cos Lettuce**

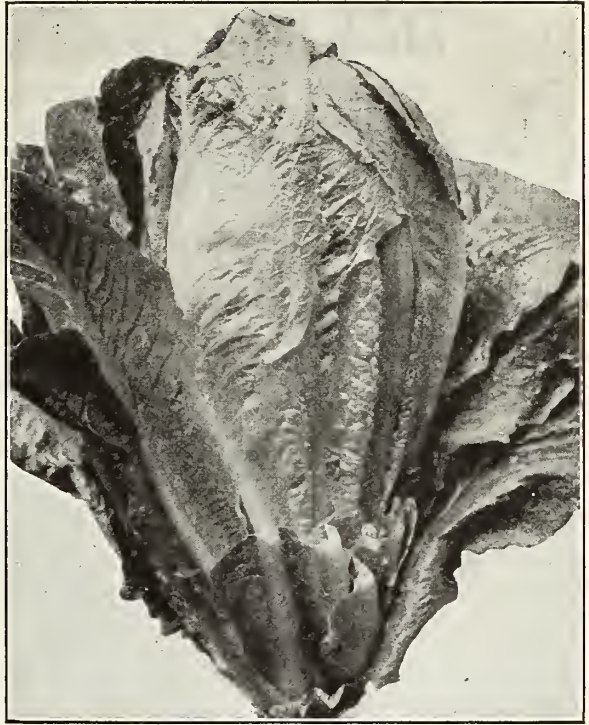
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 75c.

**BATH COS.** Very large; tall growing and fine flavor. Blanchs easily.

**Paris White Cos**

Similar to the Bath Cos, only light colored leaves.

**TRIANON.** A self-bleaching Cos Lettuce of excellent flavor. Very tender and crisp.



Lettuce, White Cos

**Lettuce. Curled Varieties****Boston Curled**

A superior strain. Of great beauty and fine quality. The handsome, frilled leaves make it a decidedly ornamental variety. The best of the Curled Lettuces.

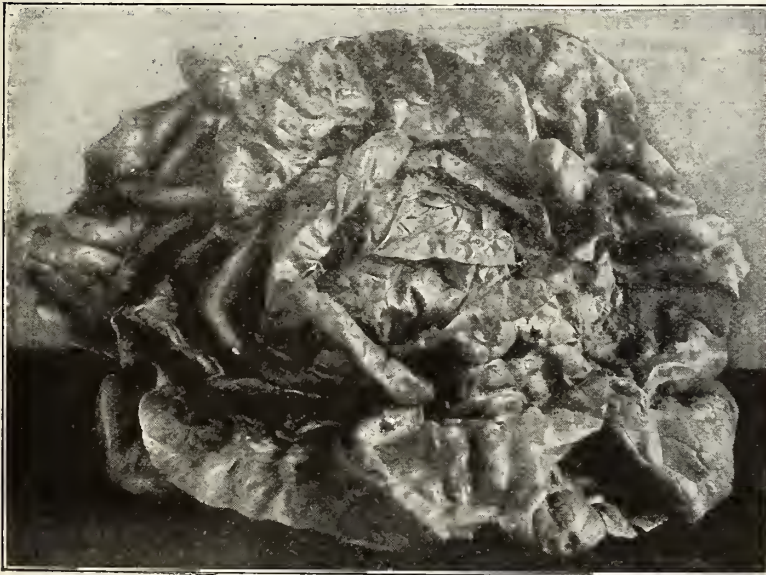
Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**SIMPSON, EARLY CURLED.** One of our earliest curled varieties. Loose heads and very tender.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 60c.

**TOMHANNOCK.** The upright growing leaves with edges tinged brown make it very attractive. Is crisp and tender.

Pkt. 5c., oz. 20c.,  
 $\frac{1}{4}$  lb. 60c.



Lettuce, Black Seeded Tennis Ball



Martynia Proboscidea

**Martynia**

One ounce will plant about 150 hills.

**CULTURE.**—Sow in hotbed in March for early use; for outside use sow in April or May, cover seed about three-quarter inch; plants require a space of three feet each way as they are of a branching nature. Pods used for pickling.

**PROBOSCIDEA.**

Pkt. 10c., oz. 35c.,  
 $\frac{1}{4}$  lb. \$1.25.

## Musk Melon

Plant two or three pounds for one acre. One ounce for 50 hills.

**CULTURE.**—Do not plant until all danger from frost is over, in hills six feet apart each way. Put a dozen seeds in a hill, and when danger from bugs is over thin to three or four plants. Pinch main stems, which will strengthen the vine, and the fruit will core earlier. Use Slug Shot or Bug Death to kill bugs.

### Green-Fleshed Varieties

**Arlington Green Nutmeg.** A great favorite with the market gardeners. This is our own strain of this superb variety and produces the finest melons for either market or table. Fruit very large and round, with greenish flesh of the most delicious flavor. Skin dark green becoming yellow when overripe.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Hackensack, Extra Early.** Very early. Fruit is large and flattened. Ribs large and of irregular width, densely covered with coarse netting. Green flesh, thick, and excellent flavor. Always in demand in this market.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**HONEY DEW.** The rind is a dull white when ripe. Part of the melon shows slight checks in the rind like a tendency to net. This appears when the melon is ready to pick. This melon is 6-7 inches through and about 8 inches long.

Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Jenny Lind.** Green flesh, extra early and one of the sweetest in cultivation. Medium size.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Long Island Beauty.** Very similar to the Hackensack. Ripens early; fruits are large, heavily ribbed and netted. Excellent quality.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Netted Gem.** Nearly round, skin green, ribbed and netted. Flesh light green. Excellent flavor, early and prolific.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**ROCKY FORD.** The most popular market variety. An improvement on the netted Gem varieties; more oblong, skin is light green and netted. Flesh is green, excellent flavor; unsurpassed for shipping.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Melon Nets.** For supporting melons in greenhouses. Doz. \$2.00.



Miller's Cream



Honey Dew

**Montreal Market Improved.** One of the largest Melons grown. Fruit is nearly round, deeply and very irregularly ribbed. Skin green and densely netted; flesh remarkably thick and light green and of delicious flavor. The best melon for exhibition purposes and home use.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

### Red, or Salmon-Fleshed

**Banana.** So called on account of its shape; salmon colored flesh.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**BURRELL'S GEM.** Grows uniform in size and weight; flesh golden and very thick, fine grained, excellent quality.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Christiana Improved.** Flesh is very thick, dark, rich yellow and fine flavor.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**EMERALD GEM.** It is of a rich, delicious flavor and fine quality. Very early and prolific; skin is striped deep emerald green with a few light colored stripes. Flesh is very thick and salmon color. Exceedingly popular variety for market gardener or home use.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Fordhook (Burpee).** Small; very early, of vigorous growth and surpassingly sweet.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Long Yellow.** Flesh salmon color, good sized, netted and slightly ribbed.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**MILLER'S CREAM.** Skin dark green color, slightly netted. Flesh salmon color, sweet and delicious flavor. A remarkable keeper. One of the best salmon fleshed Melons for shipping.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Petoskey, or Paul Rose.** Nearly oval, slightly ribbed, netted; flesh thick and orange color.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

**Surprise.** Very early, oblong, cream color skin, flesh salmon color.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 60c., lb. \$1.75.

### Forcing Melons

The following varieties are grown extensively in England and are becoming more popular each year in this country. The seed we offer has been selected with great care from specially selected fruits grown in this country, and personally knowing the grower we can recommend this seed.

**WINDSOR CASTLE.** Green-fleshed. Pkt. 50c.

**BLenheim ORANGE.** Pkt. 50c.

**ROYAL SOVEREIGN.** Flesh white. Pkt. 50c.

# Water Melon

One ounce will plant about 30 hills; four pounds to the acre. Culture same as Musk Melon.



**COLE'S EARLY.** An extra early variety; almost sure to ripen in this vicinity. Oval in shape and flesh excellent flavor.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Cuban Queen.** The melons are of large size, oblong in form; vigorous in growth, slightly tapering at the stem end. Beautifully striped dark and light green; flesh is very solid, bright red, crisp and delicious flavor.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Dixie.** Fruit is large and oblong in form, from 22 inches to 2 feet in length; skin dark green striped with a lighter shade. Flesh bright scarlet; ripens closely to the rind. Excellent keeping qualities.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**FORDHOOK EARLY.** One of the earliest large-fruited Melons. These fruits are of good size, short and blocky in form and of large diameter. Skin dark green, occasionally with faint stripes of lighter green; flesh bright red; crisp, sweet; skin is tough, and rind quite thin, making a fine sort for shipping. Excellent quality.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Florida Favorite.** A large, oblong, dark green skin striped with a deeper green. Flesh deep red, of excellent flavor.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Gray Monarch.** The skin is of an attractive mottled very light green. Specimens have been raised to weigh fifty to sixty pounds. The flesh is deep red in color; quality excellent, and a very popular variety.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**HUNGARIAN HONEY.** A large, round, early melon of delicious flavor; very dark red flesh.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Ice Cream (Peerless).** Pale green, medium size, nearly round; flesh solid, deep pink, good flavor.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Kentucky Wonder.** Oblong, skin striped, flesh scarlet. Crisp, rich sugary flavor.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**KLECKLEY'S SWEET.** This "sweetest of all" Melons has now become exceedingly popular; luscious flavor. The skin of this variety is too tender to allow long distance shipping, but it is a very desirable sort for home growing and shipment to local markets. The form of the fruits is oblong, skin dark green with a very thin rind. The bright scarlet flesh is very solid all through. The melons average 18 to 20 inches in length, by 10 to 12 inches in diameter.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Kolb's Gem, or American Champion.** A fine sort for shipping. They are large, of a thick oval blocky form, skin of light and dark green stripes; bright red flesh, but a little coarse grained; excellent flavor.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**MOUNTAIN SWEET.** For general use one of the best. Color dark green; thin rind; flesh scarlet, solid and of excellent flavor.

**PHINNEY'S EARLY.** This is one of the earliest varieties. Vines vigorous and productive. Melons medium size, oblong, smooth and marbled with two shades of green. Foliage is thick. Very sweet and tender.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Triumph.** A splendid variety for shipping. Of large size and handsome appearance. Skin a bluish green, and flesh a very deep red. The melons are of short form and thick through.

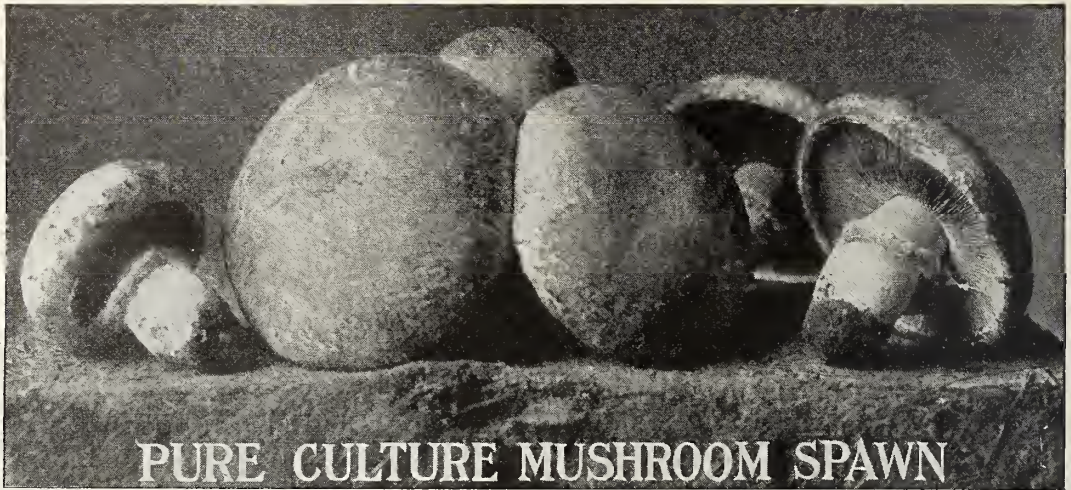
Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Citron.** For preserving. Striped with light green; flesh white, red seeds.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.

**Colorado Preserving.** A large-fruited strain of Citron, used for preserving. Very productive; flesh firm, solid and white; seeds olive green.

Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c.



## PURE CULTURE MUSHROOM SPAWN

### Mushroom Spawn

*Ten bricks will spawn  
ten feet square*

**CULTURE.**—Mushrooms may be grown in any place where the conditions of temperature and moisture are favorable. The most essential factor, perhaps, is that of temperature. The proper temperature ranges from 53 degrees to 60 degrees F., with the best from 55 to 58 degrees F. It is unsafe to attempt to grow mushrooms at a temperature much less than 50 degrees or greater than 63 degrees F. Any severe changes of temperature retard growth or else act injuriously.

Fresh manure should be obtained and this should include the litter used for bedding the animals. It is a great mistake to use manure free from straw. Again stable manure which has been well trampled is nearly always well preserved, and is frequently much richer than any other kind.

After the beds are prepared the temperature should be and usually will be, too high for spawning. After a sudden rise the temperature should gradually fall during the course of a week or more to about 70 degrees or 75 degrees F. At this temperature spawning may take place, but under absolutely no circumstances should a bed be spawned at a temperature greater than 80 degrees F. The bricks are broken into pieces about two inches square, or into from ten to twelve pieces per brick. These pieces are inserted from one to two inches below the surface, about ten inches to one foot apart, and the bed is then compressed into final shape. If they dry out rapidly and some water is necessary, it should be given as a surface spraying, for water in quantity applied to young spawn will almost invariably cause the latter to damp off.

**Lambert's Pure Culture Spawn.** Produced under the new, selective method, is received absolutely fresh at frequent intervals from the manufacturer. This spawn will produce mushrooms, of a specific variety, selected with special reference to their size, color and prolificness, to the exclusion of other and inferior fungi. It absolutely eliminates all danger of raising poisonous mushrooms. We keep on hand the cream white, brown and pure white varieties. Each brick weighs from 1½ to 1 1-3 lbs., and will spawn ten square feet of beds. Standard bricks are inoculated from a pure culture transfer.

**Per Standard brick 30c., postpaid 35c., 5 bricks by express \$1.50, 10 bricks \$2.50.**

### Thermometers

For Mushroom Beds or Hothouses.

Mercury bulb enclosed in the brass point.

Metal scale, **\$2.50.**

### Mustard

*Sow one ounce to  
80 feet of drill*

**CULTURE.**—For early use sow in hotbed in March, and for general use at intervals, during the Summer, in rows six inches apart and thick in row. Cut when not over two inches high.

**Chinese.** Leaves twice the size of the ordinary white mustard, of a deeper green. Flavor pleasantly sweet and pungent, and preferable as salad.

**Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

**Black, or Brown.** For culinary use. **Pkt. 5c., oz. 25c., ¼ lb. 75c.**

**White, or Yellow.** For salads or medicinal purposes.

**Pkt. 5c., oz. 25c., ¼ lb. 75c.**

### Okra

*One ounce will  
plant 100 hills.*

**CULTURE.**—Sow about the middle of May when the ground is warm, in hills about three feet apart; cover seed one-half inch and thin plants to three in a hill. Keep ground well hoed and earth up around the plants to support them. Gather pods while young and tender. Excellent for soups and stews, etc., to which they impart a rich flavor.

**Improved Long Green.** Long, slender pods, very productive, and only 14 inches high. **Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.**

**White Velvet.** Smooth and of a velvety appearance. Tender and of good flavor. **Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.**

**Perkin's Mammoth.** The pods shoot out from the stalk within three inches from the ground and the entire plant seems to be covered with pods of intense green color and unusual length and does not get hard quickly. **Pkt. 5c., oz. 10c., ¼ lb. 30c., lb. \$1.00.**



Okra





## ONION

*An ounce will sow 100 feet of drill. Four to five pounds to the acre.*



**CULTURE.**—Select a clean, rich piece of land upon which Onions were grown the previous year, if possible. Scatter broadcast a heavy dressing of well rotted manure, and plough six or seven inches deep as early in the Spring as the ground can be worked; harrow and rake down to a fine even surface. Sow about four pounds of seed per acre, in drills a foot apart, and a quarter of an inch deep. If a seed-drill is used it should be provided with a good roller to press the earth firmly upon the seed, particularly if the soil is very dry. Sow as early as possible. A few days' delay often makes a marked difference in the crop. Unless the plants stand very thick together, they need not be thinned out much, if any, as Onions will crowd each other and find room to grow. **Never allow the weeds to get ahead of the young plants.** The weeds must receive early attention. Use a scuffle or wheel-hoe between the rows and pull out the weeds not reached by the hoe. When the tops are all down, and the Onions well formed, they may be pulled, and left on the ground for a fortnight or longer to dry (unless the weather be unfavorable), turning them occasionally with a wooden rake.



### **Danvers Yellow Globe.**

*This is the most popular of all the yellow Onions for market and home use.*

Uniform in shape, heaviest cropper and best keeper. This strain of seed has been grown many years in this vicinity, and is practically the only yellow Onion for the market gardeners here. It is the true Buxton type; is large in size, early, an abundant cropper, very thick bulb, flat or slightly convex bottom, full, oval top, small neck, rich brownish yellow skin. The tops at maturity entirely disappear, leaving the bulbs clean and solid. Our stock is the original true type, with its extremely fine keeping qualities and is probably not excelled by any other variety grown.

**Special.** This seed offered is grown within twenty miles of Boston and the very highest quality. Bulbs selected by a market gardener of long experience.

**Pkt. 15c., ½ oz. 35c., oz. 60c., ¼ lb. \$1.75, lb. \$6.00.**

**DANVERS YELLOW GLOBE.** A selected stock of New England grown seed, under the supervision of a grower of long experience.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50, lb. \$5.00.**

### **Yellow Prizetaker.**

Excellent keeper, enormous size. Usually a rich straw color, averaging from twelve to fourteen inches in circumference. It is the large yellow Onion that is offered for sale at our fruit stores and large stores in the Fall. They ripen up hard and fine; flesh is pure white, fine grained, mild, delicate flavor; excellent for Fall or early Winter use. In order to produce the largest and best Onion the seed should be sown in a hotbed early in the Spring, and transplanted when of sufficient size. They will prove valuable for those who grow them for exhibition purposes, as they are most attractive and showy.

**Pkt. 15c., ½ oz. 35c., oz. 60c., ¼ lb. \$1.75, lb. \$6.00.**



Onions: Southport Red-Yellow-White Globe

**Ailsa Craig** The largest Onion grown. This is an English variety and is quite popular with the English gardeners. It resembles the American variety of Prizetaker but will grow much larger and more globular in form. The skin is an attractive straw color; flesh is mild; will keep remarkably well for such a large bulb.

**YELLOW CRACKER, EARLY.** A very popular variety in Rhode Island markets. Is extra early.

Pkt. 15c. ½ oz. 35c., oz. 60c., ¼ lb. \$1.75, lb. \$6.00.  
Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25, lb. \$4.50.

### The Three Southports

**WHITE GLOBE SOUTHPORT.** A large globe-shaped Onion. A popular market variety, an enormous yielder and good keeper. The flesh is fine grained, crisp, snowy white in color and particularly mild flavor. When ripe enough to harvest the bulbs should be stored in a cool, dark shed or loft.

Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.75, lb. \$6.00.

**YELLOW GLOBE SOUTHPORT.** The flavor is mild, and skin is a pale straw yellow color, making a handsome appearance, which usually gives them ready sale in the market.

Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50, lb. \$5.00.

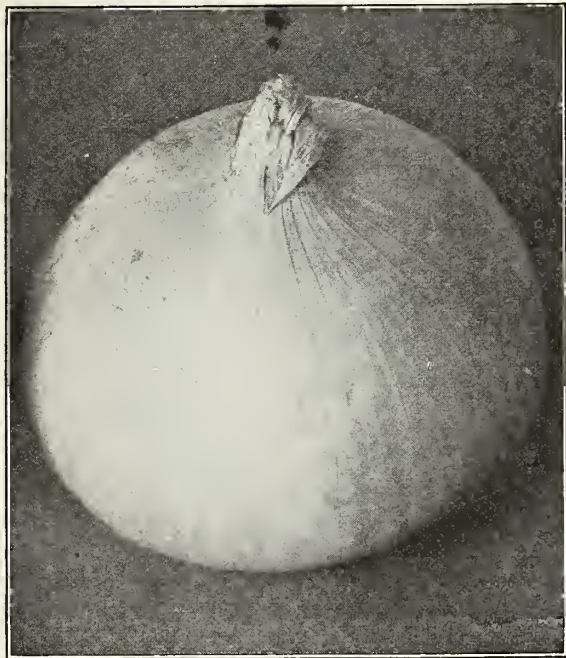
**RED GLOBE SOUTHPORT.** Flesh fine grain, mild and tender. When matured, these Onions usually measure 2½ to 3 inches in diameter; of a handsome, rich red color and uniform size. They form a hard, solid ball, and are an excellent keeper.

Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.50, lb. \$5.00.



FISKE SEED CO.

A field of Danvers Yellow Globe Onion growing for seed, here in New England



Onion, White Portugal or Silver Skin

**Red Wethersfield** *Large.* The largest, heaviest yielder and best keeper of all Red Onions. This is the standard red variety, large size. Skin deep purplish red. Smooth and glossy, flesh white, lightly tinged with pinkish rose. The large solid Onions keep well for late Winter markets. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**RED ITALIAN TRIPOLI.** Large, flat Onion, mild flavor, producing very large bulbs. Pkt. 15c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**RED FLAT, EXTRA EARLY.** Usually comes about two weeks earlier than the Large Red Wethersfield; of medium size and an abundant producer. Uniform in shape. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**WHITE ADRIATIC BARLETTA.** A large, pure white Onion. This is the earliest; especially adapted for pickling and table use; of rapid growth. Pkt. 15c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.,  $\frac{1}{4}$  lb. \$2.00, lb. \$6.00.

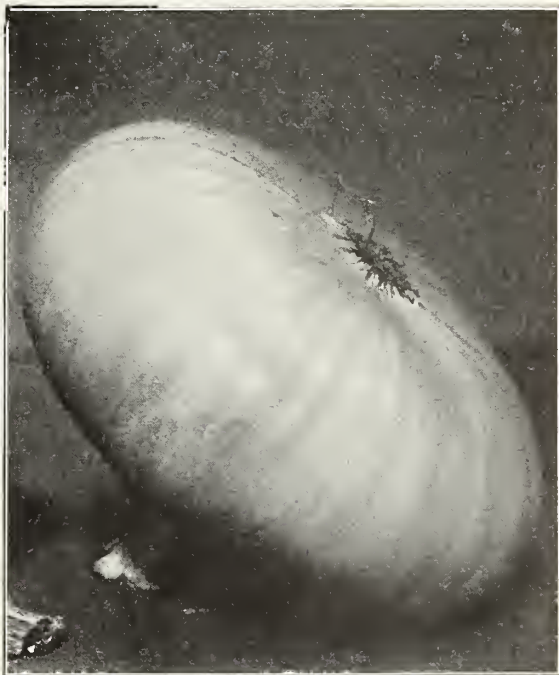


Small White Onion Sets

**White Portugal** or **SILVER SKIN.** Largely grown by market gardeners. Very desirable for family use. Mild flavor, skin silvery white, of handsome appearance. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75, lb. \$6.00.

**WHITE QUEEN.** A silver skin variety of quick growth, very early. If sown thickly, valuable for pickles. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50, lb. \$5.00.

**WHITE ITALIAN TRIPOLI.** A large, pure white, flat Onion of mild flavor. Pkt. 15c.,  $\frac{1}{2}$  oz. 35c., oz. 60c.,  $\frac{1}{4}$  lb. \$2.00, lb. \$6.00.



Onion, Red Wethersfield

## Onion Sets

Special quotations in bushel lots. Market price.

**WHITE ONION SETS.** For setting in early Spring to produce the first early white Onions; largely used by market gardeners for bunching.

$\frac{1}{2}$  lb. 20c., lb. 30c., 4 lbs. \$1.25, 8 lbs. \$2.00, 32 lbs. \$6.00.

**YELLOW ONION SETS.** These, like the white and red, are for early setting in Spring in place of sowing the seed, producing a large Onion much earlier than can be done by the seed.

$\frac{1}{2}$  lb. 20c., lb. 30c., 4 lbs. \$1.00, 8 lbs. \$1.50, 32 lbs. \$5.00.

**EGYPTIAN, or PERENNIAL TREE ONION.**

The young sets grow on the top of the stalks like tree Onions. Should be planted in August or September for early Spring use. They are perfectly hardy.

$\frac{1}{2}$  lb. 20c., lb. 30c., 4 lbs. \$1.00, 8 lbs. \$1.50, 32 lbs. \$5.00.

**POTATO ONIONS, YELLOW.** From the parent bulb many small bulbs are produced in clusters.

Used for early Onions.  $\frac{1}{2}$  lb. 20c., lb. 30c., 4 lbs. \$1.25, 8 lbs. \$2.00, 32 lbs. \$6.00.

**POTATO ONION, WHITE, or MULTIPLIER.**

Very similar to the yellow only the color is pure silvery white; quality is excellent; good size for bunching green.  $\frac{1}{2}$  lb. 20c., lb. 30c., 4 lbs. \$1.25, 8 lbs. \$2.00, 32 lbs. \$6.00.

**SHALLOTS.** For early planting.

$\frac{1}{2}$  lb. 20c., lb. 30c., 4 lbs. \$1.25, 8 lbs. \$2.00.

## Parsley

*One ounce will sow 100 feet of drill.*

**CULTURE.**—Make the rows 12 to 14 inches apart. Thin to three or four inches apart, or transplant at this distance. Can be sown in hotbeds in February, or later in open ground. Late in Autumn place frames over some of the plants to lengthen out the season for cutting.

### Champion Moss Curled

Leaves are of exceedingly dark green color, very finely curled, making it most attractive for garnishing, while the plant is very attractive for border.

**Pkt. 10c., oz. 25c., ¼ lb. 75c.**

### Double Curled

Very robust, free growth. Leaves are large, very dark green and beautifully curled; exceedingly large yielder. Stands heat and cold better than most varieties.

**Pkt. 10c., oz. 25c., ¼ lb. 75c.**

**Hamburg, or Rooted.** A rooted variety, of which the roots are the portion used; good in favoring soups and stews.

**Pkt. 5c., oz. 25c., ¼ lb. 75c.**

**Fern Leaf.** This is most exquisite in form and color. Unsurpassed as a garnishing plant.

**Pkt. 5c., oz. 20c., ¼ lb. 60c.**

**Plain Leaf.** Leaves are longer and darker green than the curled varieties; very hardy. Excellent for seasoning. **Pkt. 5c., oz. 20c., ¼ lb. 60c.**

## Parsnip

*One ounce will sow 100 feet of drill.*

**CULTURE.**—Sow in Spring as soon as the weather will permit, in rows eighteen inches apart. Cover seed one-half inch deep, thin out to five inches apart in row when plants are large enough. A little frost improves the flavor. Take up what is wanted for Winter, leaving the rest in the ground for Spring.

### Arlington Long Smooth

(Private Stock.)

For deep soil and keeping in ground over Winter this is the best variety; large yielder. Roots are very long, exceptionally smooth with a full crown, so that it keeps in the ground over Winter if necessary. *Unsurpassed for market and exhibition purposes.* This is especially selected for the full round crown and runs absolutely true from the seed of this private stock.

**Pkt. 10c., oz. 25c., ¼ lb. 85c., lb. \$2.50.**

**SHORT ROUND FRENCH.** A round, early variety.

**Pkt. 10c., oz. 30c., ¼ lb. \$1.00.**



Parsley, Champion Moss Curled

### Improved Guernsey

An improved curled variety, hollow crown type. It is a very heavy cropper, roots smooth, flesh fine grain and excellent quality.

**Pkt. 10c., oz. 25c., ¼ lb. 85c., lb. \$2.50.**

### Long Smooth

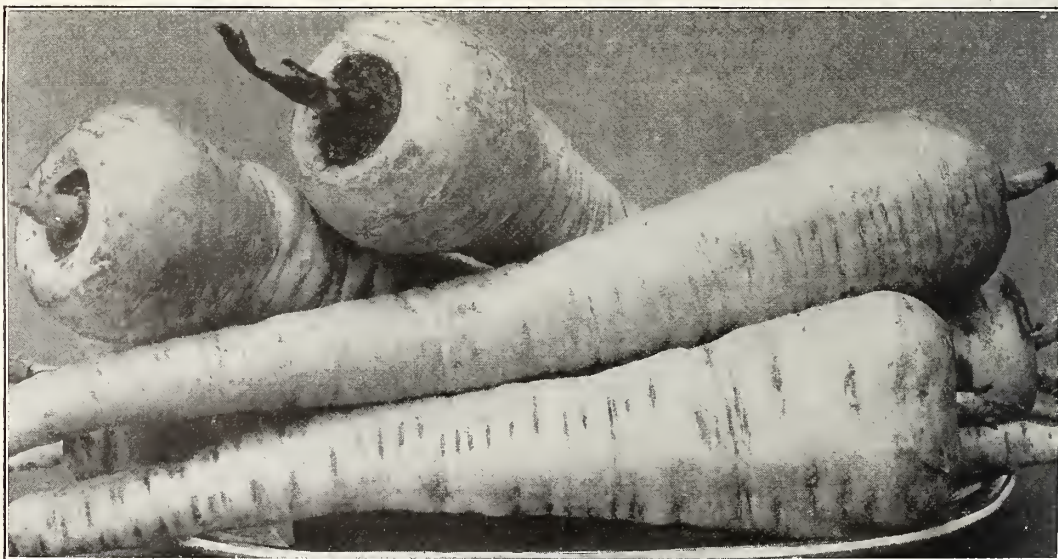
Very similar to above; extra long and white, with full crown.

An excellent keeper.

**Pkt. 10c., oz. 25c., ¼ lb. 85c., lb. \$2.50.**

**IMPROVED HOLLOW CROWN.** Roots medium length with a small tap root. Very smooth, clear skin.

**Pkt. 10c., oz. 25c., ¼ lb. 85c., lb. \$2.50.**



Parsnip, Hollow Crown

## PEAS

Varieties marked \* vines grow from 15 to 20 inches high and need no support.

Varieties marked † may be grown successfully without supports. Larger crops will be produced if supports are used.

Varieties marked ‡ should have support of some kind to secure best success.

By Parcel Post, add postage at zone rates (see second cover page)

2 lbs. will plant 100 feet of drill; about 100 lbs. per acre.

### Extra Early Varieties

† **Thomas Laxton** *The only rival of the famous Gradus. Extremely early, wrinkled Pea, long pod.* In some respects we consider it better than the Gradus; pods are of a deep rich green. Peas very sweet; deep green.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 15 lbs. \$4.50.

† **Gradus** or **Prosperity.** *The most popular of the long, large podded, wrinkled Peas.* Of the finest quality, and matures pods only a few days later than the extra early smooth Peas. Vines grow about 2½ feet high very large. Are of superior quality in size and flavor. Always salable as a market variety.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 15 lbs. \$4.50.

\* **Nott's Excelsior** *This is one of the most popular extra early wrinkled varieties, especially with the market gardener. Vines are dwarf and vigorous. Pods contain from six to eight large peas, packed very closely together in the pod, making them more square than round. Pods average about 3 inches in length. Peas of superior quality.*

Pkt. 20c., lb. 35c., 2 lbs. 60c., 7 lbs. \$2.25, 15 lbs. \$4.25.

\* **Sutton's Excelsior** *This variety is an excellent dwarf sort for home garden.* It is earlier, pods and peas larger and vines growing about the same height, and has a much larger yield. This variety has stood the test for the last five years as a profitable Pea for the market gardener.

Pkt. 20c., lb. 35c., 2 lbs. 65c., 7 lbs. \$2.50, 15 lbs. \$4.80.

† **Clipper** *The first Peas to arrive in Boston Market for over twenty years. Vines usually about thirty inches high and well covered with pods. Peas medium size, excellent flavor, smooth and bluish color.*

Pkt. 20c., lb. 35c., 2 lbs. 60c., 7 lbs. \$2.25, 15 lbs. \$4.25.

\* **Little Marvel** *As there are so many good Peas we hesitated adding another to our list, but this is of extra value; grows about fifteen inches high; pods average 2½ inches in length, well filled with six to seven large, deep green peas of excellent flavor.*

Pkt. 20c., lb. 35c., 2 lbs. 60c., 7 lbs. \$2.25, 15 lbs. \$4.25.

**ALASKA.** *One of the earliest varieties grown. Vines grow from twenty to thirty inches in height, bearing well-filled, medium-sized pods. Dry seed is of a bluish color. Matures one of the extreme earliest.*

Pkt. 20c., lb. 35c., 2 lbs. 60c., 7 lbs. \$2.25, 15 lbs. \$4.25.

**AMERICAN WONDER.** *On the points of flavor and quality this Pea stands at the head of the list. Very dwarf and robust habit and grows ten to fifteen inches high. Pods well filled; dry peas medium size and wrinkled.*

Pkt. 20c., lb. 35c., 2 lbs. 60c., 7 lbs. \$2.25, 15 lbs. \$4.25.

**CLAUDIT.** *An extra early of great merit. Pods are large and dark green; peas also large and slightly wrinkled excellent quality.*

Pkt. 20c., lb. 35c., 2 lbs. 60c., 7 lbs. \$2.25, 15 lbs. \$4.25.

**LAXTONIAN.** *One of the earliest dwarf Peas. Vines are vigorous, growing about eighteen inches high, well covered with large, even-sized pods averaging 8 to 9 to a vine and 9 to 10 peas in a pod. Quality of the best.*

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 15 lbs. \$4.80.

**EDIGREE, EXTRA EARLY.** *Of the strains of extra earlies we have tried, this is the purest ever offered to the trade. The vines are strong and vigorous, bearing pods of good length and well filled; exceptionally uniform.*

Pkt. 20c., lb. 30c., 2 lbs. 50c., 7 lbs. \$2.00, 15 lbs. \$3.75.



Peas, Sutton's Excelsior

\* **PREMIUM GEM.** *Grows about fifteen inches high. Peas are medium sized and wrinkled. Of excellent quality. Excellent for home use.*

Pkt. 20c., lb. 35c., 2 lbs. 60c., 5 lbs. \$2.25, 15 lbs. \$4.25

‡ **SURPRISE, or ECLIPSE.** *The earliest wrinkled Pea grown. Pods are medium size, well filled with peas of excellent flavor and very productive. Vines about 15 inches high.*

Pkt. 20c., lb. 35c., 2 lbs. 60c., 7 lbs. \$2.25, 15 lbs. \$4.25.

## Mulford Cultures

FOR PEAS.

See page 168

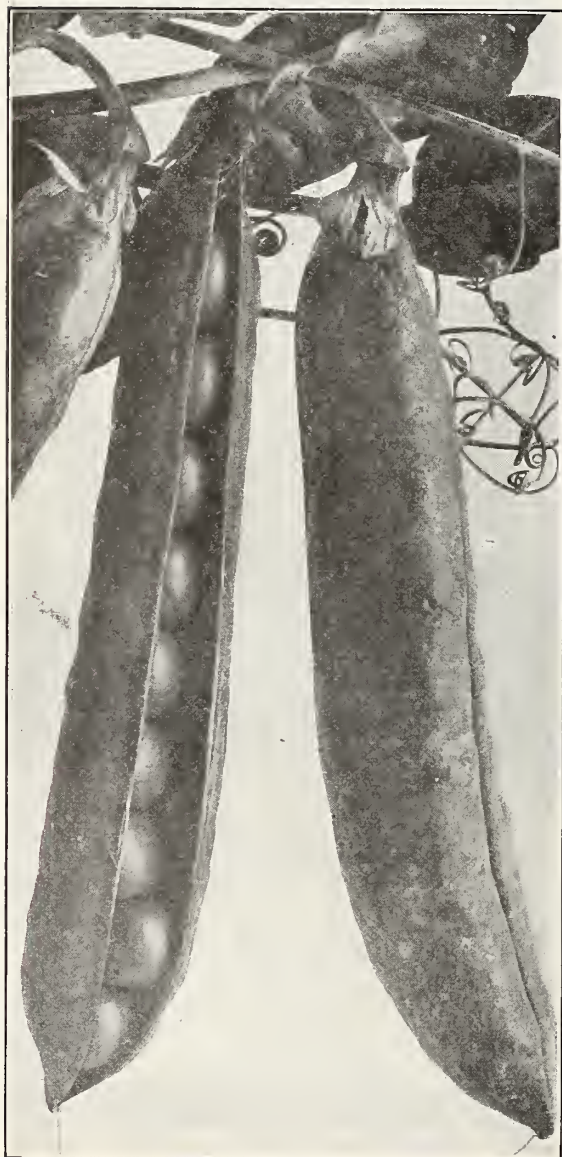
## Second Early and Late Varieties

†**Alderman** Unexcelled for shipping; market gardeners' favorite. A large-podded late, wrinkled variety of vigorous growth,  $3\frac{1}{2}$  to 4 feet high; very productive; pods 4 to 5 inches long, well filled with large peas of excellent flavor.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 8 lbs. \$2.50,  
16 lbs. \$4.50.

†**Dwarf Champion** or **Juno**. Very similar to the Champion of England except in growth of vine, which is only about two and one-half feet in height. Pods are dark green, good size, and very prolific. Quality excellent.

Pkt. 20c., lb. 35c., 2 lbs. 60c., 8 lbs. \$2.25,  
16 lbs. \$4.25.



Peas Alderman

†**Boston Unrivalled** Best large-podded medium or late Pea grown. An improved strain of the Telephone type. Vines grow 4 to 5 feet high and are covered with fine large pods about 5 inches long,  $\frac{3}{4}$  inch broad, and containing 7 to 8 extra large peas of the finest flavor.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 15 lbs. \$4.50.

\***Dwarf Telephone, or Daisy** Grows one and one-half or two feet in height, very stocky, heavy, vigorous vine; productive. Pods are long and remarkably well filled. Peas are large and wrinkled. One of the best sorts for home garden.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 15 lbs. \$4.80.

†**McLean's Advancer** For a second early Pea this excels all others, especially for ripening about July 4th; very productive and excellent flavor. Grows about  $2\frac{1}{2}$  feet in height. Ripens immediately after the extra earlies; can be picked clean at two pickings.

Pkt. 20c., lb. 35c., 2 lbs. 60c., 7 lbs. \$2.25, 15 lbs. \$4.25.

†**Dwarf Defiance** (Sutton). Pods long, dark green, straight and well filled with large peas of excellent flavor. Very productive.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 15 lbs. \$4.80.

†**ADMIRAL DEWEY**. A vigorous growing late sort, wrinkled, with large pods, fine flavor and good cropper.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 15 lbs. \$4.50.

†**BLACK-EYE MARROWFAT**. The old standard variety for market and field culture. Smooth pea, black eye.

Pkt. 20c., lb. 30c., 2 lbs. 50c., 7 lbs. \$2.00, 15 lbs. \$3.75.

†**CHAMPION OF ENGLAND**. Of the late varieties this is one the very best and exceedingly productive. Grow four to five feet. Seed is green and wrinkled. Universally admitted to be one of the richest, best flavored peas grown.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 15 lbs. \$4.25.

†**DUKE OF ALBANY** (American Champion). A very large wrinkled pea similar to the Telephone in growth and season but darker in color of foliage. The pods are of largest size, often four and one-half to five inches long, straight and thick, borne in great profusion, and when in condition for picking, of a deep green color. Its productiveness and fine color make it a very profitable sort for market gardeners while its splendid quality should give it a place in the home garden.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 15 lbs. \$4.25.

†**EVERBEARING**. Very prolific vine, growing two and one-half feet high. Pods two to three inches long, well filled with large peas of excellent quality. For the private gardeners this is one of the best.

Pkt. 20c., lb. 35c., 2 lbs. 60c., 7 lbs. \$2.25, 15 lbs. \$4.25.

†**FRENCH CANNER, or PETIT**. Vines grow about three or four feet high and are very productive; extensively used for canning. Pods and peas are very small.

Pkt. 20c., lb. 35c., 2 lbs. 60c., 7 lbs. \$2.25, 15 lbs. \$4.25.

†**Stratagem Improved** It is a favorite with the market gardeners for a general crop on account of the strong vines and large peas and pods. A heavy cropper. Vines are strong, vigorous covered with large pods measuring nearly five and one-half inches in length. Peas wrinkled, vines very branching, often twenty pods to a vine; quality is excellent. Our stock has been carefully selected and will run remarkably true.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 15 lbs. \$4.50.

†**Telephone** A favorite of the extra large pods. Vines large, coarse leaves, height  $4\frac{1}{2}$  feet. Pods are large, filled with enormous peas of tender, sweet and excellent flavor.

Pkt. 20c., lb. 40c., 2 lbs. 75c., 7 lbs. \$2.50, 15 lbs. \$4.50.

## Edible-Podded Peas

‡**DWARF GRAY SUGAR.** Vines grow about fifteen inches high with purplish blossoms; sugar peas are not shelled but pods are broken and cooked the same as string Beans.

Pkt. 20c., 1b. 35c., 2 lbs. 65c., 7 lbs. \$2.50, 15 lbs. \$4.50.

‡**MAMMOTH MELTING SUGAR.** Vines grow about four feet high; very productive. Pods average 5 to 6 inches in length, and 1½ inches in width, broken and cooked same as string Beans.

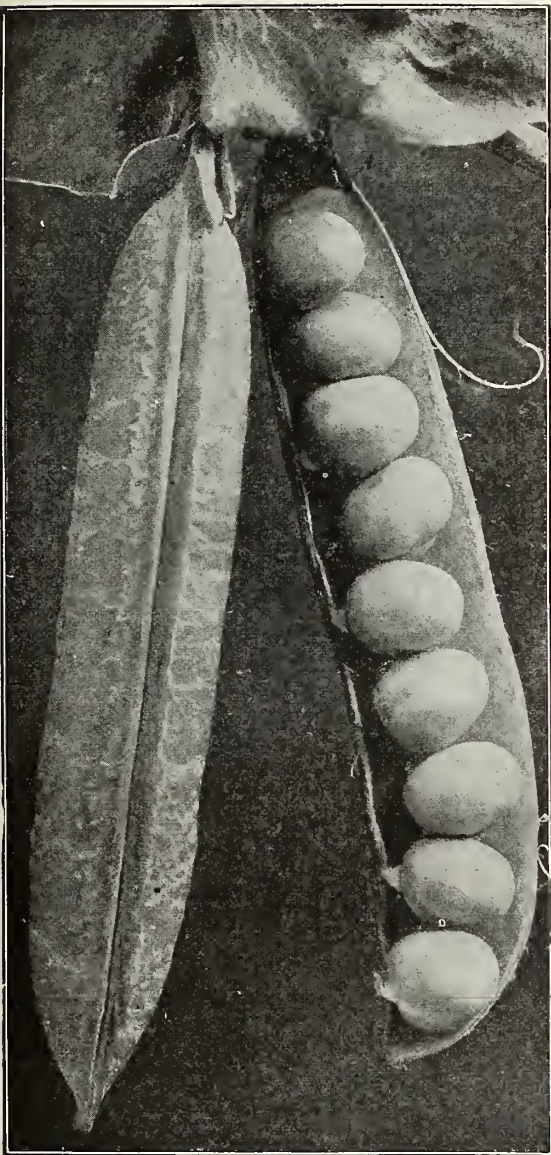
Pkt. 20c., 1b. 35c., 2 lbs. 65c., 7 lbs. \$2.50, 15 lbs. \$4.50.

## Trellis Wire

**For Peas, Tomato Vines, etc.** This trellis is to take the place of ordinary brush that is used in gardens; it is almost indispensable in any well kept garden. Practically indestructible and easily put up, at the end of the season it can be rolled up and stored away ready to use another year. Peas, either garden or flower, are most easily picked, and tomatoes grown on these trellises are more uniform and less liable to rot. Made of the best galvanized net, 4 ft. wide, 2 in. mesh, furnished in 10 ft. lengths with a 5½ ft. long, 2 in. diameter stake at each end and one in the center.

Per doz. lengths \$18.00, per 10 ft. lengths, \$1.60.

For Field and Cow Peas for Fodder, see Farm Seeds, page 51.



Boston Unrivalled

‡**QUITE CONTENT.** Under favorable conditions the height is about 5½ feet. Large, heavy deep green foliage. Deep green pods usually in pairs, 6 in. to 7 in. long; each pod contains 9 to 11 large peas of delicious flavor. **Crop failed.**

‡**HEROINE.** A late, wrinkled Pea, strong growth. Vines branching freely and grow about two and one-half feet high. Pods are large and well filled.

Pkt. 20c., 1b. 35c., 2 lbs. 60c., 7 lbs. \$2.25, 15 lbs. \$4.25.

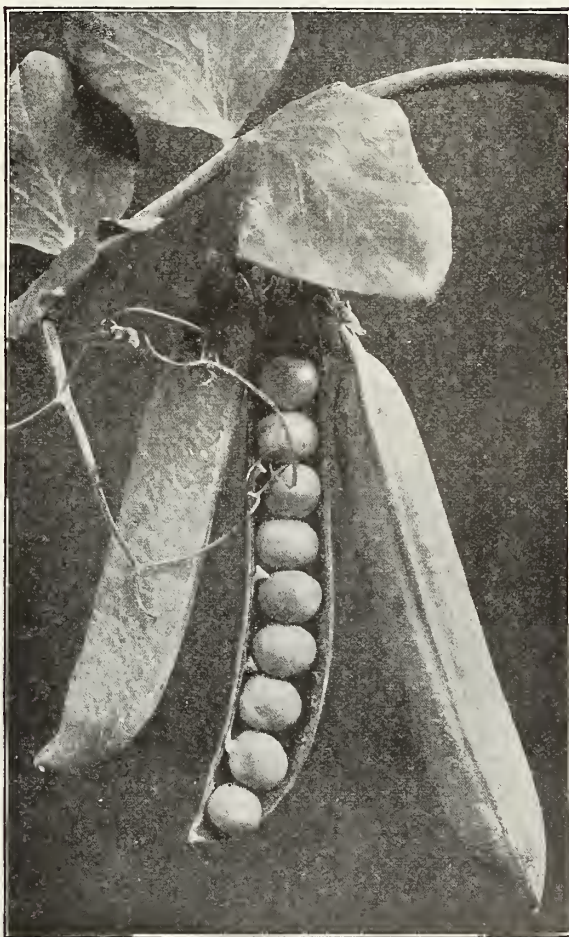
‡**LARGE WHITE MARROWFAT.** Grows about five feet high. Large pods well filled with large, white peas.

Pkt. 20c., 1b. 30c., 2 lbs. 50c., 7 lbs. \$2.00, 15 lbs. \$3.75.

**Franklin Park Lawn Seed**

See page 2

**The Best—The Cleanest—The Cheapest**



Stratagem Improved |

## Peppers

One ounce will produce about 2,000 plants.

*Culture.*—Sow in hotbed in March or April; transplant in open ground when all danger from frost is over, in rows three feet apart and two feet apart in a row. Seed can be sown outside late in May. Cover seed one-half inch and thin as above.

**Cayenne (true).** Pods are small, cone-shaped and red. Used for pickling.

**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.**

**Cherry Red.** Small, smooth, round variety. Deep, glossy scarlet color.

**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.**

**Coral Gem.** Small pods, shiny red color. Appear in clusters. Excellent for seasoning.

**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.**

**Celestial.** Creamy white and scarlet when matured; prolific.

**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.**

**Chinese Giant.** Grows from four to five inches broad at the top and of about equal length, divided into four or more large ridges. Produces uniformly monstrous Peppers of thick blocky form and a most brilliant, glossy color. Flesh is extremely smooth and unusually thick, making an excellent salad sliced like the Tomato.

**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

**Golden Dawn.** Bright golden yellow color. Mild and sweet.

**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.**

**Italian, Sweet.** Exceedingly mild flavor, in great demand in this vicinity. Grows six to seven inches in length, diameter about two or three inches at the base. Light green before turning red. Principal variety used in green state.

**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

**Large Bell** Very large sort. Flesh thick, hard and less pungent than most other varieties. Fruit sometimes three or four inches in length.

**Pkt. 10c., ½ oz. 35c., oz. 60c., ¼ lb. \$2.00.**

**Neapolitan.** An excellent market variety on account of its earliness and productiveness; usually ripens two weeks earlier than the Bull-Nose. Fruit of large size, growing on a thick, stocky plant; flesh is quite thick and exceedingly smooth; color is light green changing to bright red when ripe.

**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

**Procopp's Giant.** Very large; flesh thick, crisp and sharp.

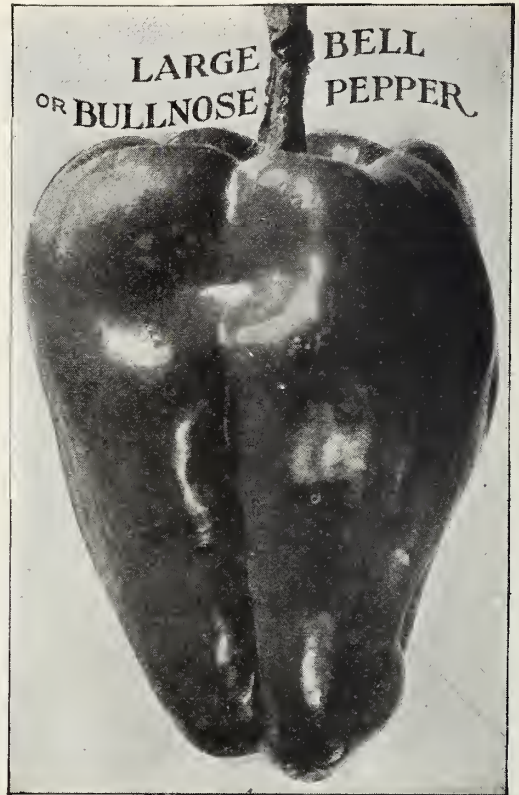
**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.00.**

**Ruby King.** Large, scarlet fruit; flesh is thick, white and rather mild flavor. Especially fine for pickles.

**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**



Squash, or Tomato-Shaped Pepper



**Sweet Mountain** Exceedingly large, very prolific and popular market variety. Plants vigorous and productive; fruit is large and smooth; flesh very thick.

**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

**Squash,** or Pickling. Extensively used in Boston markets; the most popular variety with the market gardener; very productive. Flesh very thick and fruit quite smooth and nearly round. Plants are quite dwarf and mature fruit ready for market earlier than most other varieties. We have taken especial care in the selection of the fruit for seed of this variety.

**Pkt. 10c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

**Sweet Upright.** Flesh bright scarlet, thick and sweet; of upright growth, as early as Bull-Nose and heavier.

**Pkt. 10c., ½ oz. 40c., oz. 75c. ¼lb. \$2.00.**

**Tabasco.** Is of tall, bushy-like growth three or four feet in height; produces an enormous number of small, slender and very hot fruit one inch in length. Vivid scarlet in color. Plants should be started early in hotbeds in order for them to ripen in this latitude.

**Pkt. 10., ½ oz. 40c., oz. 75c. ¼ lb. \$2.00.**

**PEPPER PLANTS.** Ready in May and June. Doz. 25c. See page 48.

### HIGHEST GRADE SEEDS

All our Vegetable and Flower Seeds are tested before we place them in the packages, and each year most of the vegetable seeds are grown to maturity in our trial grounds during the Summer that we may know just what the seeds we sell will produce. We know they will grow for they have all been tested as to germination before being placed on sale. We can give you the percentages of germination if you wish

# POTATOES

*Eight to ten bushels, or three to four barrels sufficient for one acre. One peck will plant 75 hills.*  
Potatoes sent by express or freight, purchaser paying transit.

Our seed Potatoes are strictly Maine grown. Special price on large quantities.

**CULTURE.**—Any good soil will produce Potatoes, but quality is much improved when produced on good sandy loam. Make furrows of good depth, three feet apart, scatter a liberal dressing of fertilizer in the drill. Cover slightly with earth and upon this set the seed Potatoes in hills one and one-half feet apart. If a very early crop is desired, it will be necessary to sprout the Potatoes before planting. Cut the Potatoes in pieces of the size desired and place in a warm light room for four days before required for planting in the open ground.

Use Bordeaux mixture for blight and arsenate of lead for the Colorado beetle, or if, as is often the case, both these conditions prevail, use the two in combination. We recommend Pyrox (Bowker's) for this purpose knowing it to be effective, and we believe it will also increase the crop and improve the quality.

Crops being uncertain at time of catalogue going to press, we are unable to make definite price. Quotations made when stock is ready for delivery.

**EARLY NORWOOD.** (Early.) Excellent yielder, cooks perfectly white, dry and floury. The vines are of medium size, bushy and compact; resembling the Early Rose in color and broader at the stem end. Tubers run very uniform as to size, and are practically all marketable. Its handsome appearance, perfect form and superb cooking qualities will readily recommend it to every grower.

**NORCROSS.** (Late.) Originated in Maine. Introducer says: "Seed-Boll grown on the Early Rose, pollenized by Beauty of Hebron; is white, smooth, good size, excellent quality and abundant yielder. A prize winner."

**BEAUTY OF HEBRON.** (Early.) Pure white with flesh-colored skin; an excellent variety for late planting; produces well on most soils, and one of the best sorts for keeping. When cooked it is dry and mealy.

**BOVEE.** (Early.) Early and productive. Flesh is white; good size and fine quality.

**CARMAN NO. 3.** (Late.) Vines strong and vigorous. Eyes shallow and few in number. Skin flesh white.

**DELAWARE.** (Late.) Vines are strong and vigorous; tubers are large, smooth, white and excellent quality.



Early Ohio Potato

**EARLY FORTUNE.** (Early.) One of the earliest. Tubers oblong and flesh white.

**EARLY NORTHER.** (Early.) An excellent early variety, resembling the Early Rose in shape and color.

**EARLY ROSE.** (Early.) The standard variety for general use, and one of the best early varieties.

**EARLY OHIO.** (Early.) One of the extra early varieties, round and smooth. Skin flesh color.

**GREEN MOUNTAIN.** (Late.) Vines are strong and vigorous. Both skin and flesh extremely white; good yielder. One of the best general crop Potatoes and a fine keeper.

**IRISH COBBLER.** (Early.) An excellent variety for light soils, producing a larger yield than most varieties when used on a light soil. The Potato is white and of medium size.

**NEW QUEEN.** (Late.) Resembles the Beauty of Hebron. Flesh white; very productive.

**NOROTON BEAUTY.** The finest and most productive extra-early Potato grown. Handsomer in appearance and more uniform in shape than any other sort. Its table quality is superb.

**UNCLE SAM.** (Late.) Is a medium late. Large yielder, good size, and cooks white and dry.

**VERMONT GOLD COIN.** (Late.) The vines are strong and vigorous, and the tubers are deeply set in the ground; well adapted to loose soils and muck land; the tubers are large, color white with a slight streak of pink; of fine quality; very dry and mealy.

**SWEET POTATO.** See page 48.



Early Norther Potato



**Pumpkin, Small Sugar**

## Pumpkin

*One pound will plant 200 to 300 hills. One ounce will plant 20 hills*

**CULTURE.**—Sow when all danger from frost is over in hills eight feet apart; thin out to four plants in a hill. The common practice is to drop two or three seeds in every third or fourth hill in the corn field.

**CUSHAW, or Crookneck.** Large, light cream color, fine grain. **Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

**CONNECTICUT FIELD.** The best for field culture. **Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

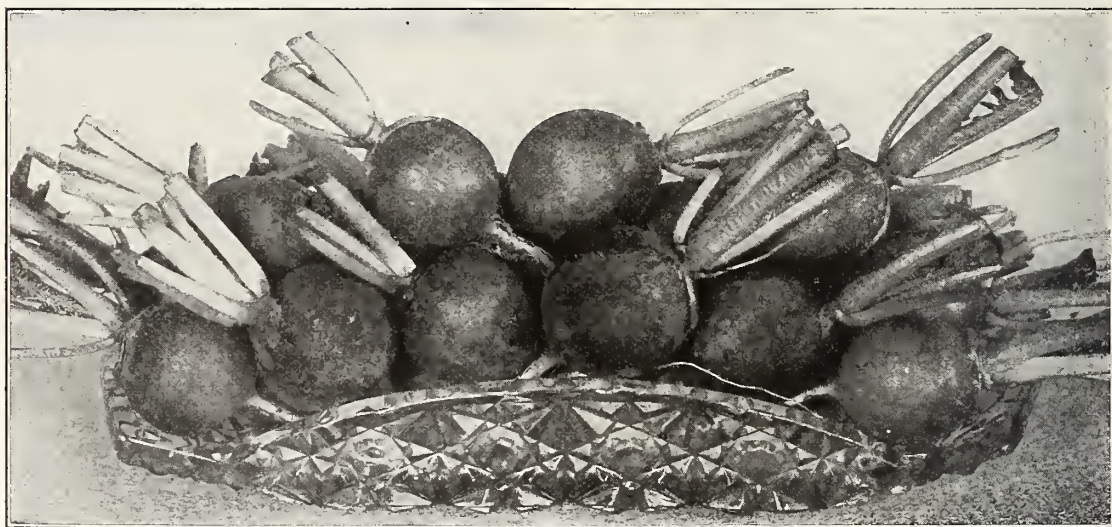
**KING OF THE MAMMOTHS.** The largest of all Pumpkins. **Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

**LARGE CHEESE.** Large, round flattened, with creamy buff skin. **Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

**NANTUCKET SUGAR, or NEGRO.** Skin very dark green, almost black; flesh thick, and rich orange yellow. Excellent keeper. **Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

**SMALL SUGAR, or New England Pie.** This variety is small but of most excellent quality for pies. The fruits are deep orange, eight to ten inches in diameter, round or somewhat flattened and slightly ribbed. The flesh is rich deep yellow, fine grained and very sweet. **Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

**WINTER LUXURY.** Medium size, productive and an excellent keeper. Color of skin russet; fine netted. **Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**



**Radish Early Scarlet Globe**

## Radish

*One ounce will sow about 100 feet of drill.*

**CULTURE.**—Sow in the open ground as soon as it can be worked, at intervals of ten days for a succession as long as wanted. Sow in hotbed or greenhouse in Winter. The Winter varieties should be sown in August and lifted before severe frost. As their tender and mild qualities depend on rapid growth, the soil should be rich, light and mellow.

**Early Scarlet Globe** For a forcing Radish this has been at the head of the list, being the best shape, brightest scarlet, most uniform and short top. Tender and crisp. **Pkt. 10c., oz. 30c., ¼ lb. 75c., lb. \$2.50.**

**Early Scarlet Turnip** Small top, quick growth, mild and crisp, excellent for forcing. **Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

**Early Scarlet Turnip White Tip** Very deep scarlet, with white tip. Its excellent appearance makes it a favorite in the market. **Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

**Ne Plus Ultra, or Twenty-Day Forcing.**

Earliest of all Radishes for forcing, being ready for the table in three weeks. Roots are round and bright scarlet. **Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

**Scarlet, Twenty-Day Forcing** Short leaves, very early and brilliant red. Excellent for frames. **Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

**Crimson Giant Forcing** This variety will grow a medium size as quickly as any; it also remains crisp, firm and solid until double the size of others. **Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

## RADISH—Continued

**French Breakfast** A popular quick growing variety; excellent for forcing. Oval form, scarlet, tipped with white.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**Giant White Stuttgart** Early, quick growing. In five to eight weeks after being sown will produce extra large roots. If sown in July or August for a late sort, will be ready in October.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**ARLINGTON LONG SCARLET.** This is unexcelled for a long Radish. A favorite on the market on account of its beautiful appearance and fine flavor.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**EARLY WHITE TURNIP.** Like the scarlet in shape, but color is white.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**GIANT WHITE STRASBURG.** Roots pure white, oblong and mild flavor.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**ICICLE.** Grows three to four inches long; matures in twenty-five days after sowing. The most transparent of any Radish.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**LONG BRIGHTEST SCARLET.** Very bright scarlet, medium long with white tip.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**WOOD'S EARLY FRAME.** Similar to the Long Scarlet, only not as long and a more brilliant color. Excellent for forcing.

Pkt. 5c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

### Radish, Winter Varieties

**CALIFORNIA, MAMMOTH WHITE.** Grows a large size; flesh is white, firm and good flavor.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**LONG BLACK SPANISH.** Very large size, firm texture, and should be stored in sand for Winter.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.

**ROUND BLACK SPANISH.** Similar to above only round and black.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00.



Radish, French Breakfast

**ROSE-COLORED CHINA.** Of rose color; flesh firm. Rather conical in shape; very smooth.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.00

## Rhubarb

**CULTURE.**—This plant is mostly propagated by division of the roots. The best time to set out the plants is early in the Spring, although it is sometimes done in Autumn. Make furrows of good depth, 3 to 4 feet apart, according to the variety planted; across these furrows, at right angles, make others the same distance apart; at each intersection put three or four shovelfuls of good manure, and upon this set the plants. Any good soil will suit Rhubarb; but to obtain heavy crops, good soil well manured is indispensable. A piece of root with a single bud, or eye, is enough for each hill. Cultivate during Summer, but do not pull any stalks the first year. Late in Autumn cover each plant with a good shovelful of manure, and plough a furrow against each side of the rows; this protection will assist the earliness of the crop. In early Spring level the ground, working in the manure with a fork. Plants can be obtained from seed, which may be sown in a hotbed in March, and the plants set out about the middle of May. It takes longer, however, to obtain a crop from seedling plants than from roots.

**VICTORIA.** The variety in general use for the market; yields immense crops.

Pkt. 10c., oz. 60c.,  $\frac{1}{4}$  lb. \$1.25.

**RHUBARB ROOTS.** (Buyer paying transit.)  
Each 15c., doz. \$1.50.

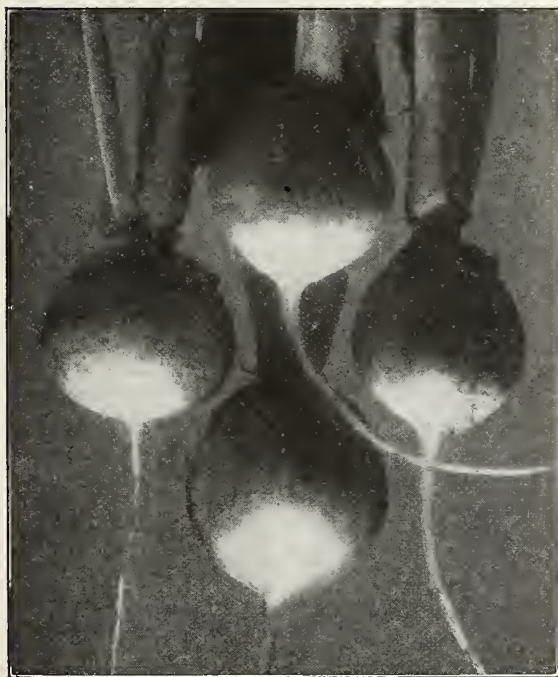
## Salsify, or Oyster Plant

One ounce will sow 50 feet of drill.

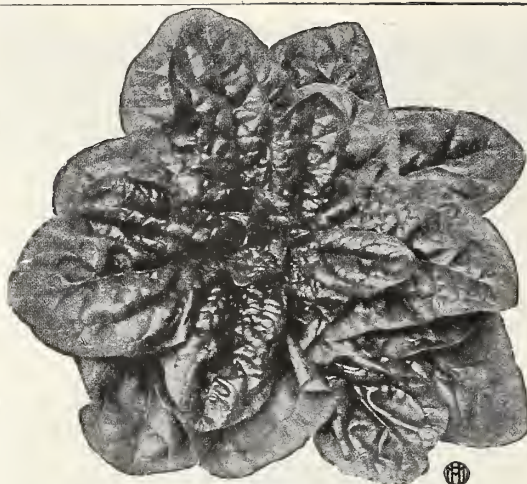
**CULTURE.**—Sow the seed early in Spring in rows twelve inches apart and one deep; thin plants to four inches apart in row. For Winter use dig and place in cellar in boxes; cover roots with sand or soil. If left in ground till Spring, dig as early as possible. A deep, sandy soil is the best for good results.

**SANDWICH ISLAND MAMMOTH.** An excellent variety. Very smooth, fine quality, white, and grows double the size of the Long White.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.



Radish, Early Scarlet Turnip, White Tip



Spinach

## Spinach

*One ounce will sow 50 feet of drill. Twelve to sixteen pounds will sow an acre.*

**CULTURE.**—Spinach may be grown on any ordinary soil, and its cultivation is a very simple matter. It is grown both as a Spring and Summer Crop. For early use, sow in August or September, in drills 12 to 14 inches apart. At the approach of cold weather cover lightly with straw, or any hardy litter. Uncover when the plants begin to make a new growth in Spring. For Summer use, sow early in Spring, in the same way as above, using rather less seed. If the plants stand too thick, thin to 3 or 4 inches apart. A liberal dressing of good manure should be used. The land can hardly be made too rich.

### All Season

A superb variety for planting in rotation all Summer long. It does not send up its flower stems and bear seed the same as the early varieties which are easily affected by hot weather. While most sorts of Spinach are usually grown for Fall and Spring crops, this excellent variety may be used through the Summer months with satisfactory results. The leaves are thick and tender, and quite crumpled.

**Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

### Round Crumpled Leaf

It is the market gardener's favorite, for either Fall or Spring sowing. Produces large, thick, dark green leaves, somewhat crumpled, and has the quality of standing a long time. Our strain of this superb Spinach is unexcelled and perfectly hardy; and without doubt the finest strain of Spinach for Fall or Spring planting.

**Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

### Savoy Leaf, Bloomsdale

Very hardy, exceedingly popular. Productive, tender and excellent quality.

**Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

**LONG STANDING.** Desirable on account of not running to seed as some varieties do. Excellent for Spring use.

**Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

### New Zealand

Grows large and luxuriant in warm, rich soil, and produces a large quantity of leaves during the Summer.

**Pkt. 10c., oz. 25c., ¼ lb. 85c., lb. \$2.50.**

**PRICKLY, or FALL.** Seed is prickly and triangular; oblong, arrow-shaped leaves. Especially useful for Fall sowing.

**Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

**TRIUMPH.** Very hardy, large, thick, fleshy, dark green leaves; excellent for Summer use.

**Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

**VICTORIA.** Later than other varieties; remarkably fine texture. Dark green, heavy, crimped, fleshy leaves.

**Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**

## SQUASH

*Early varieties, one ounce sufficient for 50 hills.*

**CULTURE.**—Before you plant Squash the ground must be warm and settled, the soil light and highly manured. Summer varieties should be planted from four to six feet apart each way in the hills, pressing the seed down firmly one inch deep. Late varieties in hills eight feet apart, covering the seed about one and one-half inches deep.

### Early Summer Varieties

#### Arlington Summer Crookneck

Is early, extra large

size and rather straight necked, and much larger than the ordinary Crookneck. Grows from fifteen to eighteen inches long and of the finest quality. Its handsome appearance commands an *extra price* in the market and is a favorite Summer Crookneck with the market gardeners.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

#### Mammoth Bush White Scallop

A selection from

the ordinary variety, which it resembles with the exception of being larger; equally early.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

#### Cocozelle Bush

Fine quality. Oblong with smooth skin; mottled dark

green and yellow.

**Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.50.**

**EARLY SUMMER CROOKNECK.** Small, crook-necked Summer Squash. Skin bright yellow somewhat warted.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.00.**

**EARLY WHITE BUSH SCALLOP, or PATTY-PAN.** Matures the earliest of any; very productive, light creamy color and scallop shaped.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.00.**

**EARLY WHITE CROOKNECK.** Similar in shape to above, only much larger and skin is a creamy white.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.00.**

**YELLOW BUSH SCALLOP.** The only difference is that it is colored a deep yellow.

**Pkt. 5c., oz. 15c., ¼ lb. 50c., lb. \$1.50.**



'Arlington' Summer Crookneck Squash



Collection of Fall and Winter Squash

## Squash. Fall and Winter Varieties

*One ounce for 20 hills; four to six pounds to acre.*

**Bay State** Its chief points of merit are its hard shell, dryness of grain and sweetness of flavor. Its hard shell gives the assurance of being a good keeper. Is green; flesh bright golden yellow and finely flavored. A large yielder.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.50.**

**Hubbard** The most popular of all Winter varieties; an excellent keeper. Is of large size, often weighing from nine to twenty pounds. Color bluish green occasionally marked with a brownish orange. Flesh is fine grain, dry and excellent flavor.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.25.**

**Blue Hubbard** A sport from the Hubbard. Resembles the Warted Hubbard in shape, though excelling it in flavor and dryness. More productive than any of the strains of Hubbard. Thick meat, fine-grained, dry and very sweet; Produce dealers who have handled them claim that when cut open it remains longer without showing signs of mould than any other variety.

**Pkt. 15c., oz. 40c., ¼ lb. \$1.00, lb. \$3.50.**

**Hubbard Warted** It grows larger than the old variety; dark green and covered with warts.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.25.**

**Golden Hubbard** Similar to the old variety of Hubbard except in color, which is reddish yellow.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.00.**

**Boston Greek** The fruits are oblong and average about 12 in. in length; color dark green, often striped with lighter green or yellow.

**Pkt. 10c., oz. 75c., ¼ lb. \$2.50.**

**Warren** A fine Turban Squash similar to Essex Hybrid, but much deeper in color.

**Pkt. 10c., oz. 35c., ¼ lb. \$1.00, lb. \$3.50.**

**Prolific, or Orange Marrow.** For an early Fall Squash there is no squash that can compare with this in earliness and productiveness, which are important features with the market gardener. Brilliant orange red color, which makes it attractive in the market.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.25.**

## Essex Hybrid

Its shape is very distinct from other varieties, having on the blossom end a small cap-shaped enlargement. Flesh is dry, sweet and thick, bright orange color. One of the best for keeping.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.00.**

## Delicious

For table use no squash compares with it in its remarkable combination of fineness, compactness of grain, dryness, sweetness and exceedingly rich flavor. Its color is almost uniformly green in shade.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.00.**

**MAMMOTH CHILI.** Is round, flattened at both the stem and blossom ends. Outer color is rich golden yellow. It is the largest of the Squash family.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.00.**

**VICTOR.** Rich orange yellow. Fall and Winter variety. Hard shell, thickly covered with warts; very thick, solid flesh. Fine yielder.

**Pkt. 15c., oz. 35c., ¼ lb. \$1.00, lb. \$3.50.**

**VEGETABLE MARROW.** Vegetable Marrow is always in great demand throughout England, and can be raised equally as well in our climate. It is usually sown outdoors in May, and planted in hills similar to squash. Is early and skin greenish yellow; flesh white and rich flavor.

**Pkt. 10c., oz. 25c., ¼ lb. 75c., lb. \$2.00.**

**Following Varieties Price:** Pkt. 5c., oz. 20c., ¼ lb. 60c., lb. \$1.50.

**BOSTON MARROW.** An early Fall sort of oval form; skin thin, and when ripe a light orange color. Good size, excellent keeper.

**DELICATA.** Early, very prolific; orange colored splashed and striped with very dark green.

**FAXON.** Squashes vary in color, some being pale green mottled and faintly striped. Excellent flavor.

**FORDHOOK.** Squashes are small and cream color, flesh is dry, sweet and one of the best in quality. Keeps throughout the Winter.

**GOLDEN BRONZE.** Very similar in form to the Prolific Marrow. Color is dark grayish green; flesh bright yellow. Fine grain, sweet, delicious flavor.

**MARBLEHEAD.** Skin is very light bluish green. Flesh is of light color and very dry.

**WINTER CROCKNECK.** An old, well-known variety; one of the longest keepers; often will keep until the crop is gathered the following year.

# TOMATO (Liebes-Äpfel)

*One ounce will produce about 2,000 plants.*

**CULTURE.**—Of Tomatoes the varieties are numerous, some of them being very distinctive. However, there are many sorts of the large red varieties annually introduced and represented as being superior to all others which, as a rule, do not show variation enough to be classed as distinct varieties. The seed may be sown in hotbeds, with good bottom heat, in February or March; and when the plants are two or three inches high, transplant into other frames about four or five inches apart each way, or boxes or single pots which are to remain in the frames. Set the plants out in open ground, not earlier than the last week in May or first week in June. Being very tender they will not bear the least frost. Choose a light, sandy, or gravelly loam, in a well-sheltered situation, and with a southern exposure if possible, as early fruit is desirable. In such a location the plants may be set about four feet apart each way, using a large shovelful of well-rotted manure in each hill. On rich soils but little, if any, manure is necessary; and the plants will need to stand about six feet apart each way.

**TOMATO PLANTS.** See page 48.

## Forcing Varieties

**Best of All.** Fruit is produced in bunches and very solid. Is a strong grower; a superior forcing variety.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb. \$1.50.**

**Comet.** *This variety is a favorite for forcing; just the size wanted (round); color rich scarlet red, very smooth, fruit set in bunches and in great abundance. Everything is in its favor for a forcing Tomato.*

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

**Stirling Castle.** A superior forcing variety. Is an exceedingly heavy cropper, medium size, smooth, round and red color. This variety is one of the best European sorts and our seed is all imported.

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**



Tomato Bonny Best



Tomato, Sunrise

**LORILLARD.** One of the standard sorts for forcing under glass. Its red color, flavor, solidity and prolific bearing are its chief merits.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb \$1.50.**

**Sunrise.** (Early and prolific.) It is one of the finest Tomatoes for indoor and outdoor culture. It grows in clusters. The Sunrise sets freely and is an immense cropper, yielding heavy bunches at short intervals all over the plant. Fruits smooth, of good form and size, very solid and produces almost no seed. We question if any other variety would, in a given space, carry so heavy a crop. For this reason it is valuable for market purposes, especially for indoor growing.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb \$1.50.**

## Early Extra Varieties

**Bonny Best.** Early Tomato. It has been tested and found ten days earlier than the Chalk's Early Jewel and ripens with the Earliana. Strong grower, very productive, ripens evenly all over, excellent shipper.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb \$1.50.**

**Belmont.** An extra early variety, quite popular in the Boston markets. Good size, smooth, bright red color.

**Pkt. 15c., ½ oz. 40c., oz. 75c., ¼ lb. \$2.50.**

**Chalk's Early Jewel.** The earliest of the bright scarlet colored. Deep fruited and very hardy and solid.

**Pkt. 10c., ½ oz. 30c., oz. 50c., ¼ lb \$1.50.**

**ATLANTIC PRIZE.** One of the favorite extra early varieties. Fruit is red. Very solid, fine quality.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.**

**EARLIANA.** It is remarkable for its size and its earliness. Good form and wonderfully productive. A red color which is in demand in some markets.

**Pkt. 10c., ½ oz. 25c., oz. 40c., ¼ lb. \$1.25.**

## General Crop

**Dwarf Champion** It is peculiar in its manner of growth, being upright, quite dwarf, with firm, short stem joints, which make it self-supporting. Fruit is red with a pinkish tinge, medium size, good quality. On account of its compact habit, plants may be grown closer together than other varieties.  
Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Dwarf Stone** Excellent for home use. Its habit resembles the Dwarf Champion; fruit is color and shape of the Stone. Smooth, solid, bright red and very prolific; excellent quality. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Favorite** Early variety, large size fruit; is of dark red color. Very popular market variety.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**"John Baer"** Produces perfect, solid, high crown, brilliant red shipping Tomatoes. John Baer Tomato produces an enormous crop of Tomatoes. Entirely free from core and ripens evenly right up to the stem.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Puritan** Excellent for general crop. Large, smooth, bright red, very prolific. It seldom cracks, is very firm and the color makes it attractive for the market gardener.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Matchless** Fruits are of rich cardinal red, remarkably solid and smooth, free from core and uniformly of the finest flavor. Is a strong vigorous grower, producing Tomatoes of the largest size. Excellent keeping qualities.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Red Rock** Of brilliant red color, one of the most solid varieties; medium size; medium early, one of the best for home or market gardening.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**Stone** A great favorite with the market gardeners for the main crop. Is very large, bright scarlet color, smooth, and excellent shipper. Always in demand.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**ACME.** Dark red color tinged purple. Good flavor.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**BEAUTY.** Very solid, with tough skin, making it very desirable for shipping. Color is pink; very popular.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**CORELESS.** This is such an excellent variety we feel we should make special mention of the Coreless as the most perfect shaped canning variety. Large size, globe-shaped, full at stem end, bright red always free from green core. Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.,  $\frac{1}{4}$  lb. \$2.50.

**GOLDEN QUEEN.** Fruit is yellow. Its handsome yellow slices make a beautiful contrast in a dish with the red Tomatoes.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**PERFECTION.** Excellent for general crop. Smooth, round, blood red in color, very solid, good yielder.

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**PONDEROSA.** Largest of all Tomatoes. Single specimens often growing to weigh from one and one-half to two pounds. Good flavor.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**ROYAL RED.** Skin and flesh intense red. Excellent for market purposes.

Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.



Tomato, Stone

**TOMATO PLANTS.** See page 48.

## Small Fruited Varieties for Preserving and Decoration

Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.

**PEAR SHAPE,** or Fig. Fruit is yellow.

**RED CHERRY.** Small, red, borne in clusters.

**STRAWBERRY,** or Ground Cherry. Fruit is yellow; grows in husks; excellent for preserves.

**YELLOW PEACH.** Fruit is yellow, peach shape.

**YELLOW PLUM.** Lemon color, oval, smooth.

**RED PLUM.** Similar to above, only red.

**RED CURRANT.** Quite small.

## Tomato Trellises

For supporting the Tomato Vines and keeping the fruit off the ground. See page 184



Yellow Plum

Yellow Peach

Red Pear

## Turnips

One ounce will sow 100 feet of drill; one pound will sow one acre.

**CULTURE.**—A light soil is the best upon which to grow Turnips. The flat or English varieties are extensively used as a late crop, and may be made to follow almost any other early crop. Fall Turnips may be sown from July 1 till about September 10, or, in favorable seasons, even later. These varieties are also used for early crops, the seed being sown in April.

### White Flesh Varieties

**Extra Early Milan** *Purple Top.* This is the earliest Turnip grown. A flat, strapped leaf variety with white flesh. Skin white under ground; purplish red above. Two weeks earlier than other varieties.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Extra Early White Milan** The earliest white top Turnip. Same shape and size and equally as early as above. Has white top.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**Purple Top White Globe** An early variety very much in favor with the market gardeners. Of globe shape heavy cropper; skin white with purplish top. Superior quality either for table use or for stock. Is a heavy cropper, early and a fine keeper.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$2.50.

**Purple Top Strap Leaf** or Early Red Top.

Quick grower, flesh is very fine grain, sweet flavor; white with purple top. More generally used than any other variety, both for market and for stock.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**WHITE STRAP LEAF.** Similar to the purple top strap leaf only in color which is white; mild flavor. Very quick growing and extremely early.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**White Egg** Is of egg shape and very rapid grower; thin white skin. Solid, firm, fine grain flesh. Grows good size. Excellent for early or late keeping in the Fall. Matures very quickly and is adapted for either Spring or Fall sowing.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.



Turnip, Purple Top Strap Leaf

**COWHORN, or Long White.** Rapid grower, long and Carrot shaped. Largely cultivated for feeding stock. Grows very quickly, partly above ground. Large size and smooth skin, of excellent quality for table use. A fine variety for turning under as a green manure in conjunction with Crimson Clover, and is highly suitable for this purpose.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**BUDLONG'S IMPROVED, or Breadstone.** Half-long in shape; white, mild flavor. An excellent keeper.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

**EARLY SNOWBALL.** A fine looking, pure white variety with a smooth white skin and matures in six to eight weeks. Very sweet and tender, of medium size and very nearly round.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**Sweet German** This variety should be sown at least a month earlier than the early flat Turnips. Flesh is white, firm, sweet and keeps well into the Winter.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.

### Yellow Flesh Varieties

**LARGE YELLOW GLOBE, or Yellow Stone.** Color is pale yellow with greenish top. Globular shape. Excellent for general crop and table use. Smooth skin, firm and sweet. One of the best for general crop.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**ROBERTSON'S GOLDEN BALL.** Round, deep yellow color, medium size, very firm, hard and excellent flavor. A superior table variety. A good keeper and excellent for stock.

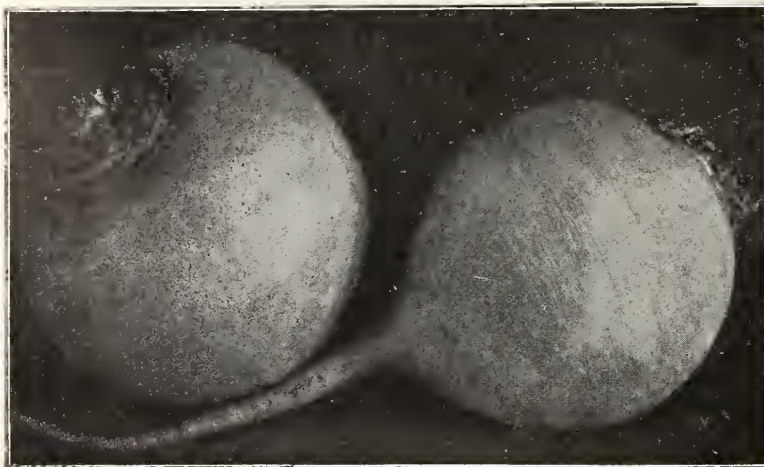
Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.

**YELLOW ABERDEEN, PURPLE TOP.** Bulbs globular form; deep yellow below ground, reddish purple above. Has a small tap root. Very solid and good quality. Valuable for feeding. Of large size and very productive.

Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.25.



Sweet German Turnip



Turnip, White Egg

## Rutabaga SWEDISH or RUSSIAN TURNIP

**CULTURE.**—The Swedish or Rutabaga varieties should be sown in drills 15 to 18 inches apart, at any time from June 1 to the middle of July, using about one pound of seed per acre. The plants should be thinned to about six or eight inches apart.

**Price on following varieties:** Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.

**American Purple Top** Improved. Market gardeners' favorite. More largely grown than any other variety. Yellow flesh, solid and fine quality. One of the very best keepers.

**Shamrock Yellow Swede** Largely grown for market and home use. Yellow flesh, solid, good keeper.

**LARGE WHITE FRENCH.** Flesh is white, solid, mild and sweet. Excellent Winter variety.

**ST. ANDREW'S.** A popular variety in Boston markets. Flesh yellow with purple top.

**HALEWOOD.** Bronze top similar to American Purple Top.

## Tobacco

**CULTURE.**—Sow in hotbed for early planting or sow in the open ground as soon as the ground is warm. Sow broadcast in rich, dry soil, pressing down firmly and cover lightly; water frequently. Set plants out first of June three feet apart each way in land heavily manured.

**Connecticut Seed Leaf.** Saved from selected plants.

Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00, lb. \$3.00.

**HAVANA.** Imported seed. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.



Improved  
American  
Rutabaga  
Turnip

## Sweet, Medicinal and Pot Herbs

**CULTURE.**—For early use sow seed in hotbed in March, or open ground in May, in rows one foot apart. Cover very lightly and thin out when large enough to six or eight inches in row. They should be cut on a dry day, before they come into full blossom. Tie in bunches and keep where they will dry quickly.

**Anise** (*Pimpinella anisum*). Hardy annual, used for garnishing and seasoning. Pkt. 10c., oz. 20c.

**Balm** (*Melissa officinalis*). Used as a drink for the sick and for culinary purposes. Pkt. 10c., oz. 30c.

**Basil Sweet** (*Ocimum basilicum*). Seeds sown in April, indoors, in rich, light soil, and in beds in June. Pkt. 10c., oz. 30c.

**Bene** (*Sesamum orientale*). Extensively grown for the oil contained in its seeds. Pkt. 10c., oz. 30c.

**Borage** (*Borago officinalis*). Used for flavoring, and flowers furnish bee pasture. Pkt. 10c., oz. 30c.

**Caraway** (*Carum carui*). Grown for the seeds, which are used in flavoring. Pkt. 10c., oz. 30c.

**Catnip, or Catmint** (*Nepeta cataria*). Used for medicinal purposes. Pkt. 10c., oz. 50c.

**Coriander** (*Coriandrum sativum*). Young leaves used in soups and salads. Seeds in confectionary and for flavoring. Pkt. 5c., oz. 20c.

**Dill** (*Anethum graveolens*). Leaves used for flavoring. Pkt. 5c., oz. 25c.,  $\frac{1}{4}$  lb. 75c.

**Fennel, Sweet** (*Anethum foeniculum*). Leaves used in fish sauces and for garnishing. Pkt. 10c., oz. 25c.

**Henbane** (*Hyoscyamus niger*). Contains medicinal properties. Pkt. 10c., oz. 35c.

**Horehound** (*Marrabium vulgare*). The leaves and tops are popular as a medicine for subduing irritating coughs. Pkt. 10c., oz. 40c.

**Hyssop** (*Hyssopus officinalis*). Aromatic evergreen bushy herb. Flowers and tops are used for medicinal purposes. Pkt. 10c., oz. 40c.

**Lavender** (*Lavandula vera*). Flower spikes are dried for their peculiar lasting fragrance. Pkt. 10c.,  $\frac{1}{2}$  oz. 45c., oz. 85c.

**Marjoram, Sweet** (*Origanum marjorana*). Hardy perennial, cultivated for use of its leaves for flavoring. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.75.

**Mint** (*Mentha spicata*). Pkt. 25c.

**Opium Poppy** (*Papaver somniferum*). Opium; a milky juice is obtained by making incisions in the capsule. Seeds are used for bird food, under name of Maw Seed. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. 85c.

**Pennyroyal** (*Mentha pulegium*). Leaves and tops used in culinary preparations and for medicinal purposes. Pkt. 10c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

**Rosemary** (*Rosemarinus officinalis*). Foliage used for medicinal purposes. Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

**Rue** (*Ruta graveolens*). Hardy; leaves emit a powerful odor, and have an exceedingly acrid taste. Pkt. 15c.,  $\frac{1}{2}$  oz. 40c., oz. 75c.

**Saffron** (*Carthamus tinctorius*). Used in medicine and also in dye. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c.

**Sage** (*Salvia officinalis*). Used for seasoning. Pkt. 10c.,  $\frac{1}{2}$  oz. 25c., oz. 40c.,  $\frac{1}{4}$  lb. 75c.

**Summer Savory** (*Satureja hortensis*). Hardy annual. Aromatic tops are used for culinary purposes. Pkt. 10c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.

**Tansy** (*Tanacetum vulgare*). Curled-leaved variety, used for garnishing. Pkt. 15c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.

**Thyme** (*Thymus vulgaris*). Leaves and tops are used for culinary purposes. Pkt. 15c.,  $\frac{1}{2}$  oz. 30c., oz. 50c.

**Wormwood** (*Artemisia absinthium*). Leaves and tops are grown for medicinal use. Pkt. 15c.

## Bird Seeds

Prices subject to variations of the market. If wanted by mail, add postage at Parcel Post rates.

**Canary, Sicily.** Selected. Lb. 30c., 3 lbs. 85c.

**Hemp, Russian.** First quality. Lb. 15c., 3 lbs. 40c.

**Rape, German.** Small-seeded. Lb. 15c., 3 lbs. 40c.

**Rice, Unhulled, or Paddy.** Choice re-cleaned seed. Lb. 15c., 3 lbs. 40c.

**Lettuce.** Oz. 10c., lb. 50c.

**Millet.** Lb. 15c., 5 lbs. 70c., 100 lbs. \$7.00.

**Maw. Blue Poppy.** Lb. 15c., 3 lbs. 40c.

**Sunflower, Mammoth Russian.**

Lb. 15c., 3 lbs. 35c., 25 lbs. \$2.00.

**Mixed Bird Seed.** Canary, Hemp, Rape and Millet.

Lb. 25c., 3 lbs. 70c.

**Cuttle-fish Bone.** Lb. 50c.

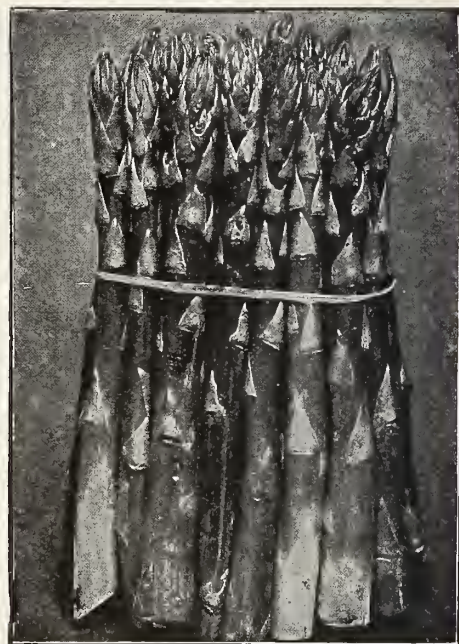
**Bird Gravel.** Pkt. 10c., doz. \$1.00.



## Vegetable Plants and Roots

### Asparagus Roots

For ordinary garden culture a bed 12x35 would require about 150 roots.  
 Reading Giant, 3 years old.  
 100 \$2.00, 500 \$8.50, 1000 \$16.00.  
 Reading Giant, 2 years old.  
 100 \$1.50, 500 \$6.50, 1000 \$12.00.  
 Giant Argentine, 3 years old.  
 100 \$1.50, 500 \$6.50, 1000 \$12.00.  
 Giant Argentine, 2 years old.  
 100 \$1.00, 500 \$4.00, 1000 \$7.50.  
 Palmetto, 2 years old.  
 100 \$1.00, 500 \$4.00, 1000 \$7.50.  
 Conover's Colossal, 2 years old.  
 100 \$1.00, 500 \$3.50, 1000 \$6.00.



### Brussels Sprouts.

A species of Cabbage producing immature heads from sides of the stalk.  
 Ready for delivery about June 15. Doz. 30c., 100 \$2.00.

### Cabbage Plants.

Plants should be set about 2½ to 3 ft apart each way.

	April and May delivery	
Copenhagen Market .....	100	1000
Early Jersey Wakefield .....	\$1.00	\$7.00
	1.00	7.00
	June and July delivery	
Stone-Mason Drumhead .....	\$0.75	\$4.00
Globe Curled Savoy .....	.75	4.00
Large Red Drumhead .....	1.00	7.00

### Cauliflower Plants.

Early Snowball, Early Erfurt, Sea Foam.

Plants should be set 2½ to 3 ft. apart each way.

	May delivery		June and July delivery	
Doz.	100	1000	100	1000
\$0.20	\$1.50	\$12.00	\$1.50	\$10.00

### Celery.

	Transplanted Plants	
Giant Pascal .....	100	1000
Boston Market .....	\$1.00	\$7.00
Paris Golden (Golden Self-Blanching)	1.00	7.00
Early .....	1.00	7.00
	Field-Grown Plants	
	June and July Delivery	
Giant Pascal .....	.75	5.00
Boston Market .....	.75	5.00
Paris Golden (Golden Self-Blanching)	.75	5.00
Early .....	.75	5.00

### Chives.

For flavoring. Per bunch 20c., doz. \$2.00.



### Egg Plants.

Ready for delivery the latter part of May and June.

New York Improved, pot grown. \$1.00 per doz., \$7.00 per 100.  
 New York Improved, hotbed grown. 75c. per doz., \$5.00 per 100.

### Horse-Radish Sets.

Per doz., 20 cts., \$1.00 per 100, \$8.00 per 1000.  
 By mail 25c. per doz. If wanted by Parcel Post add 5c. per 100.



Lettuce

### Lettuce.

Hothouse grown, 100 1000

delivery Sept. to April ..... \$1.00 \$9.00  
 Black-seeded Tennis ball. Delivery from May to Sept. .... 1.00 7.50

### Pepper.

Ready for May and June. Doz. 100  
 Large Bell ..... \$0.25 \$1.50  
 Squash ..... .25 1.50

### Rhubarb Roots.

Victoria. Extra large divided roots. Each \$0.15 1.50 8.00

### Sweet Potatoes.

Yellow Nansemond. Will grow in quite ordinary soil with a light coat of manure and yield a large crop. If on good soil they will produce many specimens weighing from three to five pounds each. This is an early variety and well adapted for cultivation in the Northern States. Per doz. 25c., per 100 \$1.00.

### Tomato Plants

We make a specialty of growing Tomato plants, and can furnish the following varieties after May 10 in fine, strong, stocky plants.

Plants sent by express only, purchaser paying transit.

#### POT-GROWN

75c. per doz., \$6.00 per 100.

John Baer, Golden Queen, Earliana, Stone, Bonny Best, Ponderosa and Coreless.

#### SMALL FRUITED VARIETIES

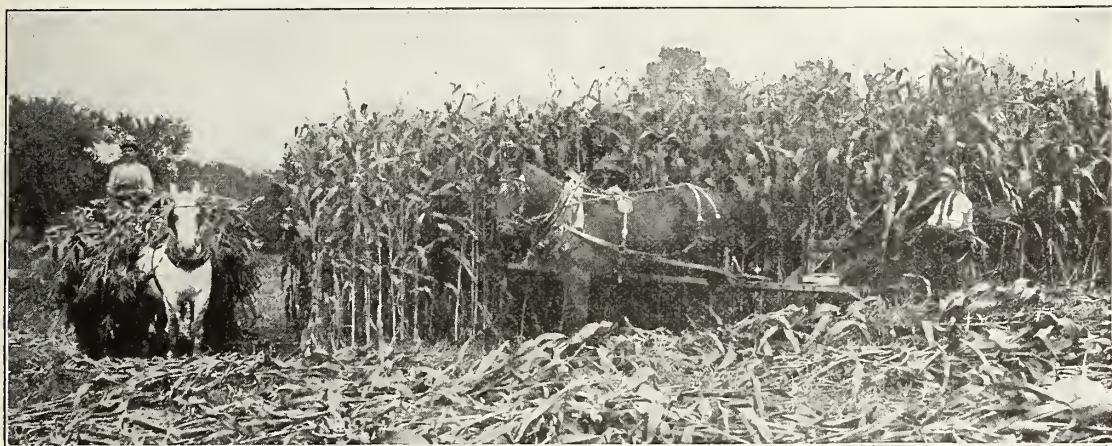
Yellow Plum, Red Cherry, Strawberry, Pear Shaped.

#### BOX-GROWN, or FROM BEDS

35c. per doz., \$2.50 per 100.

Belmont, Dwarf Stone, Dwarf Champion and Stone.

## FARM SEEDS



A field of Improved Leaming Corn growing for ensilage in Woburn

## Field, Ensilage and Fodder Corn

Prices on Corn at our store, purchaser to pay the transit. Cloth bags for shipping Corn, Grain, Grass Seeds, etc., are charged at cost. See inside front cover.

## FLINT CORN

**Early Canada.** Very early, ears medium size, usually ripens in August. Ripens well in the Northern States; a popular New England variety.

Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.65, 50 lbs. \$5.00.

**Longfellow.** Very largely grown in New England; is eight-rowed, yellow kernel and good size. Cob is quite small and ears are from 10 to 15 in. long. Ripens excellently in Massachusetts.

Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.65, 50 lbs. \$5.00.

**Sanford.** It is early, ears large with a small cob, kernel white. Very prolific and excellent quality. In some sections grown largely for ensilage Corn on account of its foliage.

Lb. 15c., 5 lbs. 55c., 15 lbs. \$1.50, 50 lbs. \$4.50.

**Stickney's.** The Prize Winner Strain. On a measured field of nine acres, the harvest was \$19¾ bushels, an average of over 31 bushels per acre. The ear is much thicker than the Longfellow, cob is small, usually eight rows of kernels, although sometimes it has 12 rows. The stalks grow about as high as the Longfellow, but the crop matures earlier. We believe it to be one of the largest yielding varieties of Flint Corn.

Lb. 15c., 5 lbs. 65c., 15 lbs. \$1.80, 50 lbs. \$5.50.

## SWEET CORN FOR FODDER

**Stowell's Evergreen.** (For fodder.) A Sweet Corn too well known to need any description.

15 lbs. \$2.50, 50 lbs. \$9.00.

**Sugar Corn for Green Fodder.** We find many of our farmers favor this for ensilage purposes owing to the large percentage of saccharine matter in the stalks. To cut up and use for Corn fodder in the Fall there is nothing better. This is especially grown for fodder purposes, being of thick growth and early maturity. Usually sown in drills for early Summer and Fall Corn at the rate of two bushels per acre in drills 4 ft. apart.

15 lbs. \$1.50, 50 lbs. \$4.00.

## DENT CORN

In many localities in New England the Dent varieties have been grown very successfully. It is a fact that the yield is practically double that of the Flint varieties. We would recommend a part of your plantings of Field Corn to be of the Dent varieties.

**Brewer's Yellow Dent.** As this Corn is strictly a New England variety, all the seed having been grown and

ripened in New England, we have no hesitancy in recommending the Brewer's Dent, for it has overcome all of the difficulties of ripening this Corn here in New England. This Corn was awarded First Grand Champion Prize at the Corn exhibit in Omaha; the yield from a measured acre was 133¾ bushels of shelled corn and a large amount of fodder. One can readily see that this would be a most desirable crop for ensilage as well as for the Corn.

Lb. 15c., 5 lbs. 65c., 15 lbs. \$1.80, 50 lbs. \$5.50.

**Early Mastodon.** It grows strong, rank, quick, and makes the finest appearance of shelled corn of all the varieties of Dent. It is purely a Dent Corn, of two shades, white and yellow; its has the largest ears and the largest corn of any of the early Dent Corns. It will ripen its seed in Massachusetts.

Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.65, 50 lbs. \$5.00.

**Eureka Ensilage.** The tallest and best ensilage Corn; produces more valuable material for the silo than any other, and is also very productive of ears. Eureka is a choice selection of Southern Corn, and in its native latitude has shelled out 100 bushels to an acre. For ensilage its value is due to its enormous growth and great production of leaves and ears; the main purpose of a silo is to preserve the largest possible quantity of fresh green foliage and ears that can be obtained from the smallest area. The Eureka will absolutely do this, and has proven it to a great many farmers.

Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.65, 50 lbs. \$5.00.

**Leaming Improved.** One of the most popular and productive varieties, as the stalks grow very tall and produce, as a rule, two good ears on each stalk. The ears are long, with small, red cobs, well filled with corn of medium size and rich golden color. It will ripen in from 100 to 110 days, and makes a good crop even in a dry season. On account of its being very strong and vigorous, the stalks are very leafy, making an excellent fodder; the kernels are so deep that it makes an extra large yield. In this vicinity we recommend this Corn more than any other variety for ensilage.

Lb. 15c., 5 lbs. 55c., 15 lbs. \$1.50, 50 lbs. \$4.50.

**Red Cob Ensilage.** A very strong grower, highly recommended for ensilage; yields enormous crops.

Lb. 15c., 5 lbs. 55c., 15 lbs. \$1.50, 50 lbs. \$4.50.

**Virginia Mammoth White.** There is a great variety of white Corns from the South sold under various names. Our stock is produced in Virginia and we have had excellent satisfaction with this variety. It grows large, plenty of foliage, excellent for either fodder or ensilage.

Lb. 15c., 5 lbs. 55c., 15 lbs. \$1.50, 50 lbs. \$4.50.

## FARM SEEDS

Prices Subject to Change Without Notice.

**Barley Chevalier.** A light colored kernel seed is grown in Minnesota. It is generally recognized as the most reliable variety sold under all conditions. It is early, has a stiff straw, bearing up under plump heads of large grain.

Lb. 15c., 5 lbs. 40c., 15 lbs. \$1.15, 50 lbs. \$3.25.

**Beardless.** May be sown as early as possible in the Spring without danger of frosts, as it is one of the hardest of all the Barleys; straw is heavy, standing up under a heavy crop, and the grain is beardless, so that it can be handled and threshed as easily as Oats, and for stock feeding it is much more valuable, as it can be fed without danger of injury to the animals.

Lb. 15c., 5 lbs. 40c., 15 lbs. \$1.15, 50 lbs. \$3.25.

**Beans SOJA** (*Soja hispida*; *Glycine hispida*). Thrives well in hot and dry weather; very desirable in the South. Should be planted at the rate of one-half bushel to the acre, in drills two and one-half to three feet apart. Excellent as ensilage and green fodder.

**Medium Early Green.** Price on application.

**Mammoth Yellow.** Price on application.

**Velvet** (*Dolichos multiflorus*). Used in the South as a forage plant, also as a fertilizer plant for turning under, the same as the Cow Peas. Vines and leaves readily eaten by stock. Should be planted in rows four feet apart and one foot in the rows. Two or three beans in a place. Price on application.

**Mulford Cultures**, for inoculation of Beans, see page 51.

**Buckwheat Japanese.** The most desirable variety. If sown at the same time as the Silver

Hull it will ripen earlier and yields nearly double the amount. It is of much stronger growth than the common Buckwheat, and the kernels are fully twice the size.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.30, 50 lbs. \$3.75.

**Silver Hull.** The seed is light gray color, varying slightly in shape.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.30, 50 lbs. \$3.75.



Soja Beans

**Broom Corn, Improved Evergreen.** The most popular variety of Broom Corn grown for market. The brush is of good length and retains the light green color when properly cured; shows almost no red color.

Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.50, 50 lbs. \$4.50.

**Kaffir Corn.** Has fine crop of foliage and if cut in early bloom the shoots that then follow will mature a full crop of seed and foliage. Both corn and fodder are excellent and the whole stock tender to full maturity of seed.

Lb. 15c., 5 lbs. 45c., 15 lbs. \$1.20, 50 lbs. \$3.50.

**Millets Golden, or German.** We have found the Southern grown or German Millet far superior in quality and yield to the Northern grown seed and when grown makes an enormous yield of nutritious food; succeeds in almost any soil. Sow in May or June one bushel to the acre. Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.60, 50 lbs. \$4.75.

**Hungarian** (*Panicum Germanicum*). Probably used more than any other Millet for fodder during the Summer months. Remains green when almost all other vegetation has dried up. It is one of the very best plants for green fodder or for ensilage; makes hay of the best quality. Sow broadcast about one and one-half bushels to the acre.

Lb. 15c., 5 lbs. 60c., 15 lbs. \$1.60, 50 lbs. \$4.75.

**Japanese Barnyard Grass** (*Panicum Crus-galli*). Succeeds in almost any ordinary soil, and may be sown from the middle of May to the first of July. Is distinct from other varieties. Enormous crop, grows from six to eight feet high. Excellent either green or cured for hay. Exceedingly popular as a forage plant. Twenty-five pounds will sow an acre.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.45, 50 lbs. \$4.25.  
100 lbs. \$7.00.

**Pearl, or Cat-Tail.** Has broad leaf; foliage somewhat resembles Corn leaves. Valuable forage plant; enormously productive; should be fed green. If sown in drills, four or five pounds to the acre; if broadcast, ten to fifteen pounds. Price on application.

## FARM SEEDS

**Oats** **Lincoln.** of strong growth and ripens comparatively early, seldom troubled with rust. Grain has thin hull and heavy meat, making it especially valuable for milling into oatmeal as well as feed.

Lb. 10c., 5 lbs. 35c., 15 lbs. 90c., 50 lbs. \$2.75.

**White Wonder.** This variety has been thoroughly tested in this vicinity, as all of this seed is New England grown; yields especially plump, heavy white grains.

Lb. 10c., 5 lbs. 35c., 15 lbs. 90c., 50 lbs. \$2.75.

**Silver Mine.** Straw is very strong, stands up well and produces a beautiful white, clean, plump berry. This is one of the most widely known white Oats. From a test of fourteen varieties of Oats this ranked next heaviest in yield.

Lb. 10c., 5 lbs. 35c., 15 lbs. 90c., 50 lbs. \$2.75.

**Peas** **Canada Field.** Valuable in Northern climates for cattle feeding, especially for milch cows. Also makes ensilage of fine quality. Usually sown broadcast and harrowed in.

Lb. 15c., 5 lbs. 65c., 15 lbs. \$1.80, 50 lbs. \$5.50.

**Cow Peas.** Each year we find that the demand for Cow Peas increases, as the farmers find they are of great value as a soil enricher, also when cut green. It makes excellent hay when cut and cured the same as Clover, then the stubble with the new growth may be turned under as fertilizer. If Kaffir Corn is sown with the Cow Peas it holds the vines off the ground.

Price on application.

**Southern Black.**

Price on application.

**Whip-Poor-Will.** Light brown, speckled dark brown.

Price on application.

**Rape** **Dwarf Essex.** Of great commercial value as a forage for stock and poultry. It will thrive on almost all soils except light sandy and stiff clays, or where most of our common vegetables will succeed. For Summer crops seed should be sown in May, but for late Fall crops sowings may be made in June and July. The best results are obtained if sown in drills about thirty inches apart to allow for horse cultivation. Seed may also be sown broadcast, but only when weather is moist enough that the soil will not dry too deep. Dwarf Essex Rape is usually ready for cutting in eight to ten weeks' time from seeding, and it is advisable to cut for cattle rather than turn them into a field; poultry may be turned into it to feed as soon as it has made sufficient growth. An exceptionally fine green feed for Sheep and Swine.

Lb. 20c., 5 lbs. 90c., 15 lbs. \$2.45, 50 lbs. \$7.90.

**Rye** **Spring.** For a catch crop this is best for sowing in the Spring, as you can obtain a crop by later sowing than any other grain, although it does not yield as large a crop of grain as the Winter Rye.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.30, 50 lbs. \$3.75.

**Winter.** This should be sown in the Fall early enough to get a start and will stand our New England Winters.

Price on application.

**Sudan Grass** **A New Annual Forage Crop.**

Sudan Grass is a drought-resistant hay crop of great merit. In dry sections it yields more forage than Millet; the hay which is relished by stock of all kinds is of better quality than Millet hay. As a result of extensive tests in Texas and other States the Department of Agriculture reports that Sudan Grass will be extremely valuable in arid regions which have no other satisfactory hay crops. After the ground has become warm, seed may be sown broadcast at the rate of from 16 to 24 lbs. per acre; if planted in drills 18 to 24 inches apart from 4 to 6 lbs. per acre will be sufficient.

Lb. 35c., 5 lbs. \$1.65, 15 lbs. \$4.80, 50 lbs. \$15.00.



Oats

**Sugar Cane,** or **Sorghum, Early Amber.** Valuable for the large amount of foliage, green fodder it produces and for its grain. Ripens wherever Indian Corn matures.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.30, 50 lbs. \$3.75.

**SUNFLOWER, Mammoth Russian.** This is the best variety for a farmer to grow; it reaches double the size of other sorts and yields twice as large a crop of seed, which is used largely for poultry as it has high feeding value.

Lb. 18c., 5 lbs. 80c., 15 lbs. \$2.30, 50 lbs. \$7.20.

## Mulford Cultures

FOR LEGUMES

The use of **Mulford Cultures** will increase the yield and fertilizing value of **Clover, Alfalfa, Peas, Beans, Vetch, Soy Beans.**

It does not apply to corn. No longer an experiment. Experiment Stations, practical and progressive farmers endorse their use.

Comes to you put up in bottles ready to be sprinkled upon the seed just before planting. You can perfectly inoculate the seed for 10 acres in 10 minutes. The results are certain and we recommend our customers to use this preparation on every planting of legume seed they make. Specify the particular seed you will plant, or ask for further particulars.

1/4-Acre size, 50c.; 1-Acre size, \$1.50;  
5-Acre size, \$5.00.

FARM SEEDS—Continued

**Vetch, Spring, or Tares** (*Vicia sativa*). In New England the Spring Vetch is not hardy except in the southern part. It is excellent for Spring sowing and has a large yield of nutritious hay as well as being especially adapted as a soil improver and nitrogen gatherer. As the seed of the Spring Vetch is larger than the Winter it will not go as far in seeding and is sold at a lower price. If sown broadcast sixty to one hundred pounds to the acre.

Lb. 18c., 5 lbs. 80c., 15 lbs. \$2.30,  
50 lbs. \$7.20.

**Winter, or Hairy Vetch** (*Vicia villosa*). Each year we find our sales increasing on the Sand or Hairy Vetch, as it is evidently getting more popular with those who wish to grow more forage; it is especially adapted as a soil fertilizer. It succeeds and produces a good crop on poor, sandy soil as well as on good land; it is perfectly hardy throughout the United States. The root growth is very extensive and makes a quantity of nitrogen tubercles. The Vetches can be sown from July to November and should be sown broadcast at the rate of from twenty to thirty pounds to the acre, and one bushel of Oats or Rye, as the Rye assists in holding the Vetches off the ground, makes a better growth and can be harvested earlier. If sown alone thirty to forty pounds per acre should be used.

Lb. 35c., 5 lbs. 75c., 15 lbs. \$3.00,  
50 lbs. \$13.25.



Winter Wheat



Winter, or Sand Vetch

**Spurry.**

(*Spergula arvensis*). Makes excellent fodder for cattle and sheep. Grows well on poor, dry, sandy soil; an excellent fertilizer for light soil; valuable for forage. Sows twelve to fifteen pounds to the acre.

Lb. 30c., 3 lbs. 75c., postpaid; by freight or express, 1b. 20c., 6 lbs. \$1.00, 10 lbs. \$1.50.

**Teosinte.**

(*Reana luxurians*). Largely grown as a forage plant in the South and Southwestern States as it is a continuous cutting plant and furnishes the most nutritious food, when dried, for horses and cattle. Resembles Indian Corn; sow in May or June in drills, three to four feet apart and about five pounds to the acre.

$\frac{1}{4}$  lb. 25c., 1b. 75c., 5 lbs. \$3.50.

**Wheat,**

**Spring, Saskatchewan.** In the West where Wheat is grown largely this is pronounced by all the milling kings to be the largest yielder. Fifty bushels to the acre is not an uncommon yield.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.30, 50 lbs. \$3.75.

**Marquis.** Matures extra early, has a heavy stalk not quite as tall as Red type, which makes it less likely to lodge. The heads are extra heavy and beardless, producing a large, plump, dark red flinty kernel.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.30, 50 lbs. \$3.75.

**Winter.** Klondyke White and Red Clauson.

Lb. 15c., 5 lbs. 50c., 15 lbs. \$1.30, 50 lbs. \$3.75.

**Wild Rice.**

(*Zizania aquatica*). Valuable as a forage plant for swamps, but chiefly as an attraction for water fowl. Before sowing soak in water twenty-four hours, sowing in water from six inches to five feet deep. This can be supplied only in the Fall, September or October.

Lb. 40c., 5 lbs. \$1.85,

15 lbs. \$5.40, 50 lbs. \$17.50.



Alfalfa thirty inches high. The field has yielded four crops every year for the past twelve years without reseedling

## Clover

(Prices on this page variable during the season. Ask for quotations in large quantities)

**ALFALFA** (*Medicago sativa*). Alfalfa is the mainstay of the cattle farmer, particularly of the dairyman. It is grown successfully in almost every section of the United States and Canada. Alfalfa requires a deep, fertile, well-drained soil, rich in lime and free from weeds. The lack of any one of these may be the cause of failure, especially in the Southern or Eastern States. Well-rotted barnyard manure is a suitable fertilizer. Do not use fresh manure as it produces too many weeds. The young plants of Alfalfa are very tender and if weeds are plentiful they will kill out the Alfalfa. In sowing Alfalfa special care should be taken in preparing the soil. Land should be ploughed deep, harrowed and brushed and allowed to settle for some time before sowing. In the South and East, Alfalfa succeeds best if planted in late Summer, and should be sown as far in advance of what promises to be the most trying time for seedlings. Seed should be covered from three-quarters of an inch to one inch deep. Inoculation is one of the most favorable methods of securing a stand of Alfalfa, especially in the Eastern States, where the soil conditions are less favorable of the growth of bacteria. (We recommend using "Mulford Cultures" for inoculation. See page 51.) Quantity of seed required for one acre, 20 to 25 lbs.

Lb. 30c., 5 lbs. \$1.30, 15 lbs. \$3.75, 50 lbs. \$12.00.

**Grimm Alfalfa.** The Northern Minnesota Alfalfa which is recognized as the very best selected sort for New England.

Lb. 75c., 5 lbs. \$3.00, 15 lbs. \$8.85, 50 lbs. \$30.00.

**CRIMSON CLOVER** (*Trifolium incarnatum*). Crimson Clover has a high feeding and fertilizing value, and is one of the best crops for forage and soil renovating. Its uses are many, such as for hay, pasturage, silage, green manure and soil cover to prevent leaching and washing. Crimson Clover may be harvested the same as Red Clover and should be cut for hay at or before full bloom. The best results are obtained from seed sown during July and August, and thrives best on rich sandy loams, but gives good results on clay and light soils. Crimson Clover is not hardy and will not stand the Winters North of New Jersey and is used mostly as a Summer cover crop. Quantity of seed required for one acre, 20 pounds.

Lb. 25c., 5 lbs. 95c., 15 lbs. \$2.65, 50 lbs. \$16.00.

**ALSYKE** (*Trifolium hybridum*). Especially valuable for hay when grown alone, or with other grasses, and with Red or Mammoth Clover. A very hardy sort and can be sown very early in the Spring; the seed being small should not be covered very deep. It is not as likely to Winter-kill as Red Clover on account of its fibrous roots, and is being used in some places where Red Clover cannot be successfully grown. Alsike succeeds best on moist soils which are usually too low in humus for Red Clover to grow advantageously. The effect of Alsike on the soil is similar to that of Red Clover. Alsike, when sown alone, should have a nurse crop added; well suited for grass seed mixtures, being a perennial, and for its hardiness. Alsike hay is slightly richer than the ordinary Clover and is more hardy than Red or Mammoth Clover. To seed an acre use 15 pounds.

Lb. 50c., 5 lbs. \$2.25, 15 lbs. \$6.60, 50 lbs. \$21.50.

**MAMMOTH CLOVER.** A species of Red Clover commonly known as Sapling Clover, Pea Vine Clover, Bull Clover and Perennial Clover. It matures about two weeks later than ordinary Red Clover, and is the preferable Clover for the northern part of the Northern States. Mammoth Clover and Timothy are useful for seeding together on account of their blooming at the same time, and for the increased weight per acre over the ordinary Red Clover. Mammoth Clover blooming as late as it does has an advantage over the Red on account of the insect pests which injure the early flowering Clovers, and when used on poor soils produces better results than either Red or Alsike Clover. When grown for hay cutting should take place when in early bloom before the stems become woody. Seed required for one acre 15 pounds.

Lb. 65c., 5 lbs. \$3.00, 15 lbs. \$8.70, 50 lbs. \$28.50.

Inoculate your Clover with

### Mulford Cultures

FOR LEGUMES

They add nitrates to the soil and improve your crops. Our most practical and progressive farmers recommend it.

See page 168 for particulars.

¼-acre size 50c.; acre, \$1.50; 5 acre size \$5.00.

## CLOVER SEED—Continued

**RED CLOVER** (*Trifolium pratense*). One of the best crops for hay and pasture; it is also used sometimes for a soil crop, and is also valuable when used for hay in maintaining a supply of nitrogen in the soil. Red Clover will not succeed on poorly drained or boggy soil, but will produce good results on any soil that will grow Corn. Soils containing lime or where lime can be supplied are ideal soils for Red Clover. This variety of Clover may be seeded in the early Spring or in the Fall. If seeded in the Spring, the best time for sowing is when the ground is freezing and thawing and in the Autumn about six weeks before frost. The best results to be obtained for hay, is to cut when just past full bloom, containing at this time the maximum of protein and dry matter. Quantity required to seed one acre, 15 lbs.

Lb. 65c., 5 lbs. \$3.00, 15 lbs. \$8.85, 50 lbs. \$29.00.

**WHITE CLOVER** (*Trifolium repens*). Sometimes called Lawn Clover and will succeed almost anywhere in the United States, and on almost any character of soil, but a heavy soil is best suited for it. White Clover may be sown at the same time as Red Clover; it is rarely sown alone, but usually used in lawn mixtures and for pasture. A small proportion of this small clover, if used in permanent pasture, often fills in bare spots and makes valuable grazing for stock. It is often affected by extreme dry weather and will appear as if killed, but on the return of the rains will reappear as fresh as ever. 8 to 10 lbs. usually sown to the acre. Lb. 75c., 5 lbs. \$3.50, 15 lbs. \$10.00, 50 lbs. \$32.00.

**SWEET CLOVER** (*Melilotus albus*). A native of all parts of the United States and Canada and is a valuable addition to farm crops in many sections. Sweet Clover will thrive on most soils, either poor clay or sandy, but it prefers a limestone soil. Where lime is deficient, it should be added, and good results will be attained. Sweet Clover, like the other varieties, will respond to inoculation with excellent results. Sweet Clover will succeed best if planted alone, and should be sown either in the Spring or Fall. It is the most vigorous soil enricher of all the Clovers, and will grow on soils that will not support an ordinary farm crop. Quantity usually sown to the acre, 30 lbs. To eradicate Sweet Clover, mow it when in full bloom, that it may not re-seed itself. Lb. 40c., 5 lbs. \$1.85, 15 lbs. \$5.40, 50 lbs. \$17.50.

## GRASS SEEDS For Pasture, Mowing and Lawn

Prices on this page variable during the season. Ask for quotations in large quantities



Creeping Bent

**AWNLESS BROME GRASS** (*Bromus inermis*). A very satisfactory grass for arid regions as a pasture and meadow grass. It is a thoroughly permanent grass of rapid growth, produces heavy crops and luxuriant pastures. A grass that is relished by all kinds of stock, and rich in flesh forming ingredients. A particularly hardy grass, being the first to start in the Spring and the last to feel the effects of frost in the Fall. The yield is usually from one to four tons per acre and should be cut when in full bloom. When sown alone use about 35 lbs. per acre. **Crop uncertain.**

**BEACH GRASS** (*Ammophila arundinacea*). Valuable on the sandy seashore, canal and railway banks, etc. Its strong, creeping, matting roots bind the drifting sand into natural embankments against the action of wind and waves. Height, 2 to 3 ft. **Crop uncertain.**

**CREeping BENT GRASS** (*Agrostis stolonifera*). Long, prostrate, creeping stems; well adapted for sandy pastures near the coast, and useful for binding shifting sands or river banks subject to wash or overflow. **Crop uncertain.**

**CRESTED DOG'S TAIL** (*Cynosurus cristatus*). A slightly tufted perennial grass, 1 to 2 ft. high, with fine leaves. Is rarely sown alone; mostly used in mixture for seed of lawns. It forms a low and compact sward when thickly sown. It is said to thrive well in the shade. Lb. 40c., 5 lbs. \$1.75, 15 lbs. \$5.15, 50 lbs. \$16.50.

**ENGLISH RYE GRASS** (*Lolium perenne*). Produces a strong growth in four or five weeks after sowing. It cures into a hay that is rather hard, but having a sweet flavor and much relished by cattle and horses. Height 1½ to 2 ft. Sow 60 lbs. to the acre. Lb. 30c., 5 lbs. \$1.30, 15 lbs. \$3.75, 50 lbs. \$10.75.

**HARD FESCUE** (*Festuca duriuscula*). A slender, densely tufted perennial grass, 1 to 2 ft. high. Thrives on dry, sandy soils. Sow 30 lbs. to the acre. **Crop uncertain.**

**ITALIAN RYE GRASS** (*Lolium italicum*). It is a very rapid grower, forms a dense turf, and is regarded as an excellent hay grass. Weighs 22 lbs. to bushel. Sow 50 lbs. to an acre. Lb. 30c., 5 lbs. \$1.35, 15 lbs. \$3.90, 50 lbs. \$12.50.

**KENTUCKY BLUE GRASS** (*Poa pratensis*). A very widely distributed species, and without a rival as a pasture grass. Being of perennial habit, it will, when established, last indefinitely. One of the finest varieties of grasses for use in lawns, owing to the thick growth of sod. Blooming as it does the latter part of May, it can be harvested about June 1st, and is one of the easiest grasses to cure. Seed may be sown in the early Spring or during September. An excellent variety for turfing terraces and embankments. When sown alone, 30 to 40 lbs. required for one acre.

Lb. 40c., 5 lbs. \$1.75, 15 lbs. \$5.00, 50 lbs. \$15.50.

## GRASS SEEDS—Continued

Prices on this page variable during the season.

**LIME GRASS** (*Elymus arenarius*). Valuable on sandy seashore and railroad banks, etc. It tends with its tough, wide-spreading and thickly matting roots to prevent the drifting of the sand. **Crop uncertain.**

**MEADOW FESCUE** (*Festuca elatior*). A valuable hay or pasture grass. It will thrive in wet and moist lands; a rapid grower, and tends to keep down coarser grasses which frequent such localities, forming a thick sod which will stand the trample of cattle. When sown alone, 40 lbs. are required for one acre.

Lb. 45c., 5 lbs. \$1.90, 15 lbs. \$5.55, 50 lbs. \$18.00.

**MEADOW FOXTAIL** (*Alopecurus pratensis*). It is a valuable pasture grass, on account of its early and rapid growth, and of its being greatly relished by stock of all kinds. 3 or 4 lbs. to the acre. Height 2 to 3 ft.

Lb. 50c., 5 lbs. \$2.25, 15 lbs. \$6.60, 50 lbs. \$21.00.

**RED TOP** (*Agrostis vulgaris*). A highly recommended grass for permanent pasture and as meadow grass for hay. Red Top is especially valuable for sour and acid soils, swampy and meadow lands which are liable to overflow, and those that are not rich enough for Timothy or Clover; it does not thrive on sandy or leachy soils, but will adapt itself to a wider range of soils than any other grass. To obtain the best results from Red Top, it should be harvested when in full bloom. It may be sown alone or with Timothy and Clover; these additions increase the quantity and quality of the hay. Red Top makes one of the best grasses for lawn use, either sown alone or in connection with White Clover, or in a mixture with other grasses.

**Red Top, Fancy Cleaned.** Use 14 to 16 lbs. to acre.

Lb. 25c., 5 lbs. \$1.15, 15 lbs. \$3.30, 50 lbs. \$10.00.

**Red Top, Unhulled.** Use from 40 to 50 lbs. to the acre.

Lb. 18c., 5 lbs. 80c., 15 lbs. \$2.25, 50 lbs. \$6.75.

**ORCHARD GRASS.** A good grass for hay crop, yielding nearly the same amount as Timothy and almost equal in feeding value. Orchard Grass will grow on almost every soil that is not saturated with water. It prefers a moderately dry soil with considerable sandy material. It is usually sown in the Spring, but with favorable conditions may be sown in the Fall. One of the best grasses for sowing in shady places and among fruit trees in orchards. 35 to 40 lbs. required for one acre.

Lb. 50c., 5 lbs. \$2.15, 15 lbs. \$6.30, 50 lbs. \$18.50.

**RED FESCUE** (*Festuca rubra*). Resists extreme drought; thrives on inferior soils, gravelly banks and exposed hills. 25 lbs. to acre.

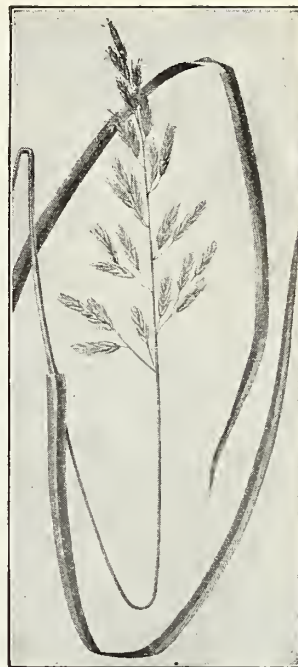
Lb. 55c., 5 lbs. \$2.60, 15 lbs. \$7.65, 50 lbs. \$23.50.

**RHODE ISLAND BENT GRASS** (*Agrostis canina*). Its hardy, creeping habit renders it desirable for close sward, also for lawns.

Lb. 45c., 5 lbs. \$2.00, 15 lbs. \$5.70, 50 lbs. \$17.50.

**ROUGH-STALKED MEADOW GRASS** (*Poa trivialis*). Highly esteemed in mixtures for permanent pastures. It is perennial. Succeeds best in soil rather moist and cool. 20 lbs. to acre.

Lb. 75c., 5 lbs. \$3.55, 15 lbs. \$10.50, 50 lbs. \$34.00.



Meadow Fescue

**SHEEP FESCUE** (*Festuca ovina*). Is well adapted for cultivation on light, dry soils, especially those which are shallow. Sow 35 lbs. to the acre. **Crop uncertain.**

**SWEET VERNAL ANNUAL** (*Anthoxanthum odoratum puelli*). Much smaller than the perennial, and of much less value, lasting one year only. 20 to 25 lbs. to acre.

Lb. 45c., 5 lbs. \$2.00, 15 lbs. \$5.70, 50 lbs. \$17.50.

**SWEET VERNAL, TRUE PERENNIAL** (*Anthoxanthum odoratum*). Valuable for its vernal growth; throws up root foliage until late in Autumn. 2 to 5 lbs. to the acre when mixed with other sorts.

Lb. 65c., 5 lbs. \$3.15, 15 lbs. \$9.00, 50 lbs. \$27.00.

**TALL MEADOW FESCUE** (*Festuca elatior*). Very productive; long duration; especially valuable for permanent pasture. Height 3-4 ft. 40 lbs. to the acre.

Lb. 63c., 5 lbs. \$3.00, 15 lbs. \$8.85, 50 lbs. \$26.50.

**TALL MEADOW OAT GRASS** (*Avena elatior*). Most valuable for pastures on account of its early and luxuriant growth. Withstands extreme drought and heat or cold. 50 lbs. to the acre.

Lb. 45c., 5 lbs. \$2.00, 15 lbs. \$5.70, 50 lbs. \$17.50.

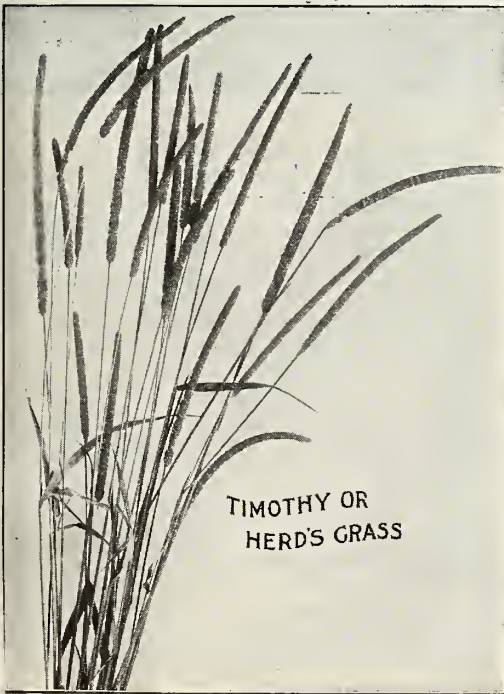
**TIMOTHY, or HERD GRASS** (*Phleum Pratense*). The standard hay of commerce. The excellent quality of the hay and the ease of culture make it valuable. It is adapted to most soils, but succeeds best on moist loam and clay, and crops are subject to soil and climate. The most profitable crops are obtained the first and second seasons. Timothy should be cut after the seed has formed and in full milk and at least 4 in. above ground. Timothy sown alone requires about 20 lbs. per acre; when sown with Red Clover use 15 lbs. Timothy and 5 lbs. Red Clover. It may also be sown with Wheat, Oats or Barley. **Prices fluctuate.**

Lb. 20c., 5 lbs. 95c., 15 lbs. \$2.65, 50 lbs. \$8.00.

**VARIOUS-LEAVED FESCUE** (*Festuca heterophylla*). Grows naturally in open woodlands or along their borders. It makes its best growth on low-lying lands not too dry. Sow 40 lbs. to the acre. **Crop uncertain.**

**WATER MEADOW GRASS** (*Poa aquatica*). For wet situations this is very useful, growing well in marshes or on margins of lakes, streams, etc. **Crop uncertain.**

**WOOD MEADOW GRASS** (*Poa memorialis*). Excellent for shaded positions in lawns and woodland parks. Very hardy, resisting extremes of heat and cold. 30 lbs. to the acre. **Crop uncertain.**

TIMOTHY OR  
HERD'S GRASS

# FRANKLIN PARK LAWN SEED

Our **Franklin Park Lawn Seed** is made up of all the re-cleaned seeds of different varieties that will make a good lawn quickly, so that when the seed is sown, if the ground is in proper shape, it will start at once and in a short time show a beautiful, deep green lawn and retain the same during the season with slight attention.

The mixture of grass seed that we sell under this name is made by the identical formula used by the Park Commissioners of the City of Boston in their work in laying out the beautiful lawns and terraces, which add so much charm to our new parks. For many years the grass seed used on these parks has been supplied by us, which fact should be a strong guarantee of quality. The Franklin Park mixture gives a fine, velvety sward within a few weeks after sowing. The very large demand for this lawn seed has necessitated our having the name "Franklin Park" registered as a trade mark, in order to protect ourselves from imitators.

$\frac{1}{2}$  lb. 20c., 1 lb. 35c., 2 lbs. 65c., 4 lbs. \$1.25, 8 lbs. (pk.) \$2.25, 32 lbs. (Bu.) \$8.00.



# SHADY SPOT LAWN SEED

For sowing on the north side of buildings, between houses, and for securing a lawn under large shade trees.

In many lawns there are places which seem as if nothing can be grown; some are shaded by large trees and others by buildings. For these locations we have offered for some time our **Shady Spot Lawn Seed**, which readily meets the desired requirement.

It is always advisable for those who are seeding down the shady places to supply new soil, if possible, especially if the large trees are producing the shade, as their roots spread so fast and exhaust the nourishment in the soil. In the event of not being able to supply new soil, the ground should be well dug over, and if tree roots predominate, these should be taken out.

$\frac{1}{4}$  lb. 20c.,  $\frac{1}{2}$  lb. 30c., 1 lb. 45c., 5 lbs. \$2.00, 10 lbs. \$3.50, 100 lb. \$30.00.

## F. F. R. Special Golf Course Mixture

Much attention is needed to make a mixture of suitable grasses that form a fine turf to withstand the severe usages it sometimes receives. We have given particular attention to this, and feel confident that our Golf Course Mixture will meet with every requirement wherever used. Our mixture can safely be used to rival the finest courses in this country. It is composed of varieties which will grow well together to produce a strong, thick turf, suitable for all good soils.

In selecting a mixture for Courses with unusual soil conditions, such as extremely low or boggy, high and dry locations, or soil which is very light and sandy, it would be for the purchaser's advantage to mention the conditions. We recommend our Mixture for laying down new courses, and also for renovating old ones. Amount of seed necessary for one acre, from 100 lbs. to 150 lbs.

Lb. 40c., 10 lbs. \$3.60, 25 lbs. \$8.50, 100 lbs. \$30.00, 1000 lbs. \$280.00.

## Bank and Terrace Grass Mixture

A suitable mixture of varieties having strong, deep roots of quick growth that hold the soil in place, which if not held by some such grass, continual rains and hard showers, will wash out. These also produce a fine smooth, velvety appearance,

Lb. 40c., 5 lbs. \$1.90, 10 lbs. \$3.60, 25 lbs. \$8.50, 100 lbs. \$30.00,



## GRASS MIXTURES FOR PERMANENT MOWING OR PASTURE LANDS

The object to be attained is a continual growth of rich pasturage from Spring to Fall. The fact that soil sown with a variety of different grasses that are adapted to the soil, and which attain perfection at alternate months from April to October, has been proven by continued experiments. It will produce much larger and more satisfactory crops, both for hay and pasturage, than when only one or two kinds of grasses are sown. If seed is sown in Spring it should be done early, while the land is cool.

Clover seed is much heavier than grass seed and settles at the bottom when they are mixed together, with the result that the sowing is uneven. We recommend sowing in the Spring 10 lbs. mixed clover seed per acre.

### MIXTURES FOR PERMANENT MOWING FOR ONE ACRE

#### Use on medium soil

2 lbs. Hard Fescue.  
6 lbs. Kentucky Blue.  
1 lb. Meadow Foxtail.  
4 lbs. Orchard Grass.  
4½ lbs. Perennial Rye.  
5 lbs. Red Top Fancy.  
½ lb. Sweet Vernal Perennial.  
17 lbs. Timothy.

40 lbs. will sow 1 acre.

**\$11.50**

#### Use on dry soil

3 lbs. Hard Fescue.  
5 lbs. Orchard Grass.  
2½ lbs. Perennial Rye.  
5 lbs. Red Top Fancy.  
1 lb. Rough Stalked Meadow.  
5 lbs. Sheep Fescue.  
½ lb. Sweet Vernal Perennial.  
4 lbs. Tall Meadow Oat.  
14 lbs. Timothy.

40 lbs. will sow 1 acre.

**\$13.00**

#### Use on heavy moist land

2 lbs. Creeping Bent.  
6 lbs. Kentucky Blue.  
3 lbs. Meadow Fescue.  
4 lbs. Orchard Grass.  
7 lbs. Perennial Rye.  
5 lbs. Red Top Fancy.  
1 lb. Tall Fescue.  
2 lbs. Tall Meadow Oat.  
10 lbs. Timothy.

40 lbs. will sow 1 acre.

**\$14.00**

### MIXTURES FOR PERMANENT PASTURES FOR ONE ACRE

#### Use on medium soil

2 lbs. Hard Fescue.  
6 lbs. Kentucky Blue.  
2 lbs. Meadow Fescue.  
2 lbs. Meadow Foxtail.  
4 lbs. Orchard Grass.  
6 lbs. Perennial Rye.  
5 lbs. Red Top Fancy.  
1½ lbs. Sheep Fescue.  
½ lb. Sweet Vernal Perennial.  
3 lbs. Tall Meadow Oat.  
8 lbs. Timothy.

40 lbs. will sow 1 acre.

**\$14.00**

#### Use on dry soil

4 lbs. Creeping Bent.  
2 lbs. Hard Fescue.  
5 lbs. Orchard Grass.  
4 lbs. Perennial Rye.  
4 lbs. R. I. Bent.  
6 lbs. Sheep Fescue.  
½ lb. Sweet Vernal Perennial.  
4½ lbs. Tall Meadow Oat.  
10 lbs. Timothy.

40 lbs. will sow 1 acre.

**\$18.00**

#### Use on heavy moist land

4 lbs. Kentucky Blue.  
5 lbs. Meadow Fescue.  
1 lb. Meadow Foxtail.  
5 lbs. Orchard Grass.  
8 lbs. Perennial Rye.  
5 lbs. Red Top Fancy.  
1 lb. Rough Stalked Meadow.  
1 lb. Tall Fescue.  
10 lbs. Timothy.

40 lbs. will sow 1 acre.

**\$14.00**

**Above prices are purchaser paying transit**



# FLOWER SEEDS

## STANDARD VARIETIES, NOVELTIES and SPECIALTIES

*The best for*

## Florists—Private and Amateur Gardeners

The following abbreviations are used throughout out list:

- A. **Annuals.** Seed sown in Spring will flower and mature seed in one season.
- H.H.A. **Half-Hardy Annuals.** Seed should be sown in greenhouses or hotbeds during March and April and transplanted in open ground latter part of May.
- H.A. **Hardy Annuals.** Seed may be sown in the open during March and April and will endure ordinary weather to October.
- B. **Biennials.** Seed should be sown from June to August, flowering the next season. Seeds of many varieties, if sown in February, will flower same season.
- H.B. **Hardy Biennials.** May be treated same as Hardy Annuals, flowering next season.
- H.H.B. **Half-Hardy Biennials.** Seed should be sown in greenhouses or coldframes, transplanted in the open latter part of May, and require protection during Winter.
- P. **Perennials.** Seed should be sown during July and August, flowering the next season, and continuing to flower each succeeding year.
- H.P. **Hardy Perennials.** Do not require protection during Winter.
- H.H.P. **Half-Hardy Perennials.** Require slight protection of leaves or boughs during Winter months.
- G.P. **Greenhouse Perennials.** Require the protection of hothouse during Winter.
- G.A. **Greenhouse Annuals.** Require greenhouse temperature at all times and include such plants as Cineraria and Cyclamen.

## Suburban Garden Collections

**Annual Collections.** During the Spring months we have daily many calls for a collection of Flower Seeds that do well in a small suburban garden and produce flowers from early Summer until frost. These collections of annuals have been carefully selected from varieties which are easily grown and well adapted for small or large gardens, and which will give continuous bloom from early Summer till late Autumn.

Such annuals as **Sweet Peas, Nasturtiums, Asters, Phlox, Zinnia** and other well-known varieties are included in the following collections, and nothing but our best strains of seed are used.

Collection of 20 Varieties..... \$1.25

Collection of 10 Varieties..... \$0.75

**Perennial Collections.** As the demand is steadily increasing for the flowers which do not require planting each season, we have carefully prepared the following collections which will, without doubt, give excellent satisfaction to those interested in this class of beautiful plants.

We advise planting the seeds of perennials as early as June and July, thereby enabling the grower to obtain much stronger plants, which will become better established to withstand the Winter.

We include in the following collections such varieties as **Canterbury Bells, Columbine, Foxglove, Hollyhock, Larkspur, Lupins, Oriental Poppy, Pyrethrum, Sweet William.**

Collection of 20 Varieties..... \$1.50

Collection of 10 Varieties..... \$0.85

## Suburban Wild Garden Mixture

Our mixture of seeds for the Wild Garden has gained great favor, and has proved a marked success with a great many of the amateur and professional gardeners by its particularly pleasing varieties, blooming so continuously throughout the Summer, and is comprised of such varieties as will produce a most brilliant contrast of colors. To those who have usually planned for fancy and decorative flower gardens and carefully planned borders, and who know the volume of time and labor required, to have the best possible effect produced, we feel justified in recommending for use the "Suburban Wild Garden Mixture"; also to those who cannot give the required attention.

The beautiful results obtained from this mixture, and the little amount of time and labor required in the sowing of same, make this Suburban Wild Garden one of the most desirable and at the same time least expensive flower gardens.

This mixture is especially adapted for waste places, or rather corners and extra patches where weeds seem to predominate and nothing of value seems to find a place, and where the soil is moderately rich.

Suburban Wild Garden Mixture is composed of the best flowering annuals which are both for cut flower use and bedding effects and contains at least over two hundred varieties.

One of the pleasing features of this mixture is the fact that as the season advances, something different seems to come to bloom; something not looked for, indicating some later variety.

**SUBURBAN WILD GARDEN, Tall Mixture. Pkt. 20c., oz. 35c., ¼ lb. \$1.25.**

**SUBURBAN WILD GARDEN, Dwarf Mixture. Pkt. 20c., oz. 35c., ¼ lb. \$1.25.**



# ASTERS

## ASTER TRIUMPH COMET

A splendid new class of midseason Asters, bearing full, double flowers of the choicest type, with center showing spiral effect. The blooms are large and fluffy, borne on long, straight stems. The flowering season of the Triumph Comet type is between the extra early sorts and the branching varieties. Plants grow fairly tall, and have an upright habit.

The Aster Triumph Comet has better qualities than the heretofore offered Upright Comet, both in size and growth of plant, stem and perfection of bloom.

Aster Triumph Comet is similar to the Asternum but more satisfactory on account of its size, length of stems, and more full and double.

	Pkt.
Pure White.....	\$0.20
Shell Pink.....	.20
Lavender.....	.20
Rose.....	.20
Purple.....	.20

## ASTER ROCHESTER LAVENDER PINK

The flowers of this new color are more double; while this sort is an exceedingly fine shade of lavender pink, the blooms have the great size of those of the branching plant without any trace of a center.

Plants are very strong in growth, with stiff, erect stems. It is about one week earlier than the original or branching type of Rochester.

Pkt. 15c.



Aster, Triumph Comet

## ASTER AUTUMN GLORY Pure Sea-Shell Pink

A variety very similar in color to the well-known Semple's Pink, with which almost every Aster grower is well acquainted. The flower is better and more substantial, and of deeper color, which is retained while most of the other varieties of the same shade have a tendency to fade. The plants are of larger and stronger type, and of true branching habit.

It is particularly valuable in producing exquisite flowers when the others are depreciating. The blooms are very double, and the stems of unusual length.

Pkt. 25c., two pkts. 40c.

## ASTER WHITE PERFECTION

One of the finest white Asters for Midsummer cultivation. The plants are extremely strong growing, producing from ten to twelve large flowers, usually measuring 4 inches in diameter, and of a fine form.

The flower, when first opened, is strongly whorled, the petals being broad and somewhat folded lengthwise, usually making them appear narrow; the outer rows are straight, while the center still retains the whorled effect.

Pkt. 20c., two pkts. 35c.



Aster, Rochester Lavender Pink



Branching Aster Shell Pink, grown for seed

ASTERS

Choicest Varieties for Summer Flowering

No. 625

**Arlington Prize Mixture.** A selected mixture of the best varieties for the most critical gardeners which contains all of the various types, together with almost every color of value, thus enabling the purchaser to procure the finest assortment of kinds and colors in a single package.

Pkt. 10c., 1/4 oz. 60c., oz. \$4.00.

- King Asters.** An Aster which has met with general favor. Petals somewhat resemble the quilled varieties, being larger and broader, those in the center being curled and incurved. Plants quite upright in form.
- Pkt.

735 **LAVENDER KING.** The flowers are very double; large; quite fluffy; color a deep lavender of a very pleasing shade. .... 1/4 oz. \$0.25

740 **ROSE KING.** Extra large, brilliant deep rose, long stems; plants very strong and robust ..... 1/4 oz. \$1.25 .20

745 **WHITE KING.** Similar to the Rose King in type of flower, but differing in growth, the White King assuming the upright form and acquiring the strength and vigor of the branching... .20

750 **VIOLET KING.** Flowers generally four to five inches across ..... 1/4 oz. \$1.00 .10

- Imperial Asters.** Probably the most popular of the Aster family. The upright plants bear large compact flowers which are so double as to appear ball shaped.
- Pkt.

770 **LAVENDER DAYBREAK.** A new and pleasing shade of lavender, similar in growth and habit to the well known Daybreak. A variety grown quite extensively by florists ..... 1/4 oz. 60c. \$0.10

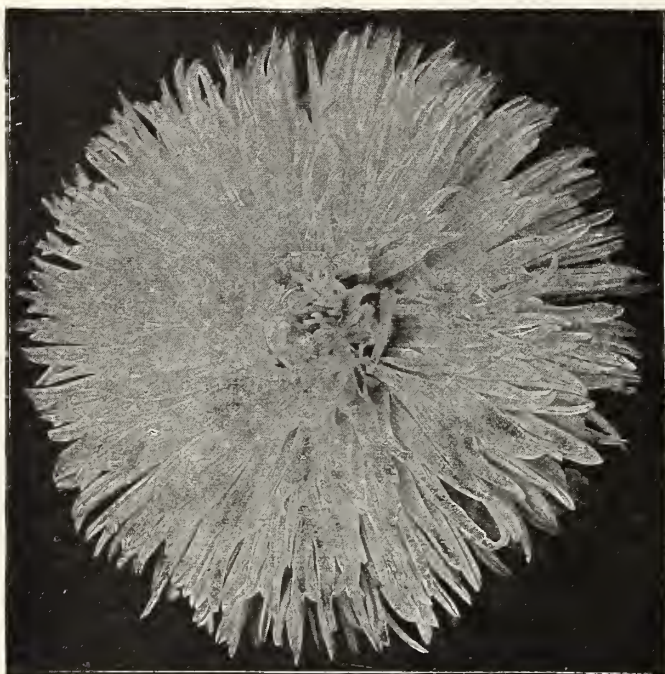
820 **PURITY.** Extra large flowers; very double color a pure white; branching habit 2 1/2 ft. .... 1/4 oz. \$1.25 .10

830 **DAYBREAK.** Extra large flowers; very double; color a beautiful shell pink; branching habit 2 1/2 ft. ... 1/4 oz. \$1.25 .10

835 **ROSE.** ..... 1/4 oz. 75c. .10

840 **PURPLE** ..... 1/4 oz. 75c. .10

880 **SUNSET.** Flowers large, double and globe-shape on long stems; the color is a delicate pink, shading to deep pink in the center. 2 ft. .... 1/4 oz. \$1.25 .10



Aster, White King

- | No. |  | Pkt.   |
|-----|--|--------|
| 640 | <b>TRIUMPH OF PARIS.</b> The flower is of Giant Comet type, very large, pure white, with beautiful golden yellow, quilled center ..... 1/8 oz. 50c.  | \$0.10 |
|     | <b>MIKADO.</b> Of fine branching habit, with very large flowers; the petals are long narrow and twisted ..... 15   |        |
| 650 | <b>Pink</b> (Rochester Pink). Flowers of an exquisite shade of shell-pink ..... 15   |        |
| 653 | <b>Rose.</b> Beautiful rose pink... 15   |        |
| 655 | <b>White.</b> Pure white ..... 15  |        |
| 660 | <b>CACTUS.</b> Celestine. Early-flow-ered class with narrow petals twisted at the ends and of a strikingly pure soft lilac color ..... 15  |        |
| 690 | <b>PINK BEAUTY.</b> A magnificent sort of upright growth, with very large, delicate, blush-pink flowers ..... 1/4 oz. \$1.50   | .10    |
| 800 | <b>MISS ROOSEVELT.</b> Flowers of perfect form, extra large in size, petals recurved; color rich yellow turning to delicate rose. 2 1/2 ft.... 1/2 oz. \$1.00  | .15    |
| 810 | <b>GENERAL JACQUEMINOT.</b> Rich deep crimson; very double, borne on long, erect stems. .... 1/4 oz. \$1.00  | .10    |
| 855 | <b>PALE YELLOW BRANCHING.</b> This variety has the same general habits of its family, lateness of its flowering and great length of stem rendering it particularly valuable in the Autumn. The color is a distinct delicate yellow and a shade that has not appeared in type of Aster ..... 20 |        |
| 860 | <b>DAWN OF DAY.</b> The earliest flowering Aster. Will flower by June 15. Branching habit and pure white in color. Flowers are large and very double..... 1/4 oz. 75c.   | .15    |

- | No.   |  | Pkt. |
|---|--|------|
| 858   | <b>PINK ENCHANTRESS.</b> The flower of this variety is full double, the petals being very broad and of medium length, the ones toward the center folding in, while those toward the outer edge gradually stand out more. The plants are not of the branching, but more of the upright habit; their growth is very vigorous and they produce long stems to support the enormous flowers... 1/8 oz. \$1.25 | .15  |
| 870   | <b>EARLY SNOWDRIFT.</b> One of the earliest, with immense, perfectly double snow-white flowers of the Ostrich Feather type; free bloomer.  | .15  |
| 890   | <b>SENSATION.</b> The best of the red Asters, the color being a dark, rich garnet or ox blood red. The plants are of the free branching habit, growing about 18 in. high.  | .15  |
| <b>Royal Asters.</b> An excellent strain developed from the Branching; is considered by many the best for general purposes. The flower stems branch from the plant close to the ground, and are free from laterals. A medium early variety. |  |      |
| 900   | <b>Lavender Pink.</b> ..... 1/8 oz. 60c.   | .10  |
| 903   | <b>Rose.</b> ..... 1/8 oz. 60c.  | .10  |
| 905   | <b>Lavender.</b> ..... 1/8 oz. 60c.  | .10  |
| 908   | <b>Shell Pink</b> ..... 1/8 oz. 60c.   | .10  |
| 910   | <b>Pure White</b> ..... 1/8 oz. 60c.   | .10  |
| 913   | <b>Purple</b> ..... 1/8 oz. 60c.   | .10  |

- | No.   |  | Pkt.   |
|---|--|--------|
| <b>Giant Crego Asters.</b> A giant in size, petals are nearly twice the length of those of the older varieties, and are beautifully twisted and curled, exceedingly fluffy. |  |        |
| 919   | <b>Lavender</b> ..... 1/8 oz. 65c.     | \$0.10 |
| 920   | <b>White</b> ..... 1/8 oz. 65c.        | .10    |
| 921   | <b>Shell Pink</b> ..... 1/8 oz. 65c.   | .10    |
| 922   | <b>Rose Pink</b> ..... 1/8 oz. 65c.    | .10    |
| 923   | <b>Blue</b> ..... 1/8 oz. 65c.         | .10    |
| 924   | <b>Finest Mixed</b> ..... 1/8 oz. 65c. | .10    |



Aster, Pink Enchantress

**American Branching Aster.** Flowers extremely large with graceful, wavy petals borne on long stems. Plant is strong and robust.

No.		Pkt.
930	<b>Finest Mixed</b> .....	1/8 oz. 40c. \$0.10
935	<b>Crimson</b> .....	1/8 oz. 40c. .10
940	<b>Dark Blue</b> .....	1/8 oz. 40c. .10
945	<b>Light Blue</b> .....	1/8 oz. 40c. .10
950	<b>Rose Pink</b> .....	1/8 oz. 40c. .10
955	<b>Shell Pink</b> .....	1/8 oz. 40c. .10
960	<b>Scarlet</b> .....	1/8 oz. 40c. .10
965	<b>Pure White</b> .....	1/8 oz. 40c. .10
	Collection of six varieties.....	.50

**New Giant Comet Aster.** Flowers are extra large with long, wavy, curled petals, similar to Japanese Chrysanthemum. Plants attain a height of 2 1/2 ft.; branching habit and long stems.

970	<b>Finest Mixed</b> .....	1/8 oz. 60c. .10
975	<b>Crimson</b> .....	1/8 oz. 60c. .10
980	<b>Dark Blue</b> .....	1/8 oz. 60c. .10
985	<b>Light Blue</b> .....	1/8 oz. 60c. .10
990	<b>Rose</b> .....	1/8 oz. 60c. .10
995	<b>Scarlet</b> .....	1/8 oz. 60c. .10
1000	<b>White</b> .....	1/8 oz. 60c. .10
1005	<b>Sulphur Yellow</b> .....	1/8 oz. 60c. .10
	Collection of six varieties.....	.50

**Midsummer Aster.** The flowers are borne on stout stems 24 to 30 in. in height, of excellent quality. The most valuable point about this variety is that it produces its fine flowers quite early.

1015	<b>Finest Mixed</b> .....	1/8 oz. 60c. .10
1020	<b>Bright Rose</b> .....	1/8 oz. 60c. .10
1025	<b>Purple</b> .....	1/8 oz. 60c. .10
1030	<b>Lavender</b> .....	1/8 oz. 60c. .10
1035	<b>Shell Pink</b> .....	1/8 oz. 60c. .10
1040	<b>Pure White</b> .....	1/8 oz. 60c. .10

**Queen of the Market.** An extra early variety, bearing large double flowers; plants of branching habit.

1050	<b>Finest Mixed</b> .....	1/4 oz. 75c. .10
1055	<b>Crimson</b> .....	1/4 oz. 75c. .10
1060	<b>Dark Blue</b> .....	1/4 oz. 75c. .10
1065	<b>Light Blue</b> .....	1/4 oz. 75c. .10
1070	<b>Rose</b> .....	1/4 oz. 75c. .10
1075	<b>Peach-Blossom</b> .....	1/4 oz. 75c. .10
1080	<b>White</b> .....	1/4 oz. 75c. .10
	Collection of six varieties.....	.50



Aster, Rawson's Midsummer

**Victoria Improved.** Flowers borne on enormous size, very double and showy, with recurved petals, 2 1/2 ft.

No.		Pkt.
1100	<b>Finest Mixed</b> .....	1/8 oz. 60c. \$0.10
1105	<b>Crimson</b> .....	1/8 oz. 60c. .10
1110	<b>Dark Blue</b> .....	1/8 oz. 60c. .10
1115	<b>Light Blue</b> .....	1/8 oz. 60c. .10
1120	<b>Peach-Blossom</b> .....	1/8 oz. 60c. .10
1125	<b>Delicate Rose</b> .....	1/8 oz. 60c. .10
1130	<b>Scarlet</b> .....	1/8 oz. 60c. .10
1135	<b>Pure White</b> .....	1/8 oz. 60c. .10
	Collection of six varieties.....	.50



Aster, Autumn Glory

**Ostrich Feather.** The flowers of this class resemble the Japanese Chrysanthemum with its long, curved, fringe-like petals, giving a feathery appearance; of immense size, 2 1/2 ft.

1250	<b>Finest Mixed</b> .....	1/4 oz. \$1.00 .10
1255	<b>Crimson</b> .....	1/4 oz. 1.00 .10
1260	<b>Dark Blue</b> .....	1/4 oz. 1.00 .10
1265	<b>Light Blue</b> .....	1/4 oz. 1.00 .10
1270	<b>Lilac</b> .....	1/4 oz. 1.00 .10
1280	<b>Salmon-Rose</b> .....	1/4 oz. 1.00 .10
1285	<b>Pure White</b> .....	1/4 oz. 1.00 .10
	Collection of six varieties...	.50

**Chinese Single.** These are exceedingly showy for vase decorations; large, brilliant, daisy-like flowers, with yellow center; free flowering, 2 ft.

1290	<b>Finest Mixed</b> .....	1/4 oz. 60c. .10
1295	<b>Crimson</b> .....	1/4 oz. 60c. .10
1300	<b>Dark Blue</b> .....	1/4 oz. 60c. .10
1305	<b>Light Blue</b> .....	1/4 oz. 60c. .10
1310	<b>Rose</b> .....	1/4 oz. 60c. .10
1315	<b>White</b> .....	1/4 oz. 60c. .10

**Perennial Asters.** Easily grown from seed; if sown in February or March will bloom the same season.

1320	<b>ALPINUS speciosus.</b> Large purple .....	.10
1325	<b>NOVE-ANGLIE.</b> Finest Mixed. 3 ft.....	.10
1330	<b>PERENNIAL HYBRIDS.</b> Finest Mixed. 3 ft.....	.10

**Achillea.** (Sneezewort of Milfoil). H. P. Double, daisy-like flowers; No. blooms from June till October. Pkt.  
Plants see page 140.

30 **The Pearl.** Pure white, 2½ ft. ¼ oz. \$1.00 \$0.15

**Aconitum.** (Monkshood). H. P. Long spikes of helmet-shaped flowers; excellent for shady locations.

Plants see page 140.

40 **Finest Mixed.** 3 ft. ¼ oz. 35c. .05

45 **Napellus.** Blue. 3 ft. ¼ oz. 50c. .10

50 **Napellus albus.** White. 3 ft. ¼ oz. 40c. .10

55 **Lycototum.** Yellow. 4 ft. ¼ oz. 60c. .10

58 **Tauricum.** Dark violet. 3 ft. ¼ oz. 60c. .10

**Acroclinium.** (Everlasting). H. A. Extensively used as a dried flower for house decoration. They should be gathered before fully open and tops hung downward to dry.

60 **album fl. pl. Double white.** 1 ft. Oz. 60c. .05

65 **roseum.** Rose. 1 ft. Oz. 50c. .05

70 **roseum fl. pl. Double-rose.** 1 ft. Oz. 50c. .05

**Adenophora.** H. P. Large flowers of light blue color, bell-shaped and of drooping habit.

75 **Potanini.** 2 ft. .15

**ADLUMIA** (Mountain Fringe). H. B. Excellent climber with fern-like foliage and bearing rosy-lilac flowers.

80 **cirrhusa.** 15 ft. ½ oz. 75c. .05

**Adonis.**

85 **æstivalis** (Flos Adonis). H. A. Deep green foliage and scarlet flowers. ½ oz. 25c. .10

90 **autumnalis** (Pheasant's Eye). H. A. Flowers crimson, dark center. 1 ft. ¼ oz. 20c. .05

95 **vernalis.** H. P. Finely cut foliage, bright yellow flowers, blooming early in May. .10

**AGATHEA** (Blue Marguerite). Free-blooming, tender perennial, with blue, daisy-like flowers. Fine for Winter flowering.

100 **coelestris.** 1½ ft. ¼ oz. 60c. .15

**Ageratum.** H. H. A. Flowers forming in heads and blooming continually all Summer. Valuable for borders and edgings. Plants see page 132.

105 **Lasseauxi.** Rose colored 18 in. ¼ oz. 40c. .05

110 **Mexicanum.** Light blue. 18 in. Oz. 75c. .05

115 **Mexicanum album.** White. 18 in. Oz. 60c. .05

120 **Blue Perfection.** Dark blue. 18 in. Oz. \$1.25 .10

125 **Dwarf Imperial.** White. 9 in. Oz. 60c. .05

130 **Dwarf Imperial Blue.** Deep blue. ¼ oz. 25c. .05

135 **Swanley Blue.** Fine for bedding. 9 in. .10

140 **Little Dorrit.** Azure blue. ¼ oz. 30c. .10

145 **Little Blue Star.** Bright blue. .15

150 **Princess Victoria Louise.** Bright blue, white center. 8 in. ½ oz. 75c. .10



Alyssum, Little Dorritt



Achillea Ptarmica (The Pearl)

**Agrostemma.** Free-flowering plants of both the annual and perennial

No. sorts. Pkt.

155 **Celi-rosa** (Rose of Heaven). H. A. Bright rose. 18 in. Oz. 30c. \$0.05

165 **Coronaria** (Mullein Pink). H. P. Dark blood red. 2 ft. Oz. 35c. .05

170 **Flos-Jovis** (Jove Flowers). H. P. Bright pink. 18 in. .10

175 **hybrida Walkeri.** H. P. Extra large; bright pink. 15 in. ½ oz. 50c. .15

**ALOYSIA** (Lemon-scented Verbena). G. P. Fragrant foliage; useful for bouquets.

185 **citriodora.** 2 ft. .10

**Alyssum, Sweet.** H. A. One of the best known annuals; used extensively for bordering and edging, also valuable for cutting. Flowers from early Summer till late Fall.

195 **Benthami** (Sweet Alyssum). White. 10 in. 4 oz. \$1.00. oz. 35c. .05

200 **Benthami compactum.** Dwarf white. 6 in. Oz. 75c. .05

205 **Little Gem.** Dwarf white. 4 in. Oz. 75c. .05

210 **"LITTLE DORRIT."** The very dwarfest Sweet Alyssum. This new variety forms a perfect little bush, with miniature white rocket flowers; a perfect gem for edging. Oz. \$1.25 .10

215 **Carpet of Snow** (Procumbens). Pure white, very dwarf and sweet. 4 in. ½ oz. 20c. .10

**HARDY ALYSSUM.**

220 **Saxatile Compactum** (Gold Dust). H. P. Yellow. 9 in. Excellent for bordering perennial gardens. ¼ oz. 25c. .10

**AMARANTHUS.** H. A. Plants having brilliant foliage which are both useful and decorative.

225 **caudatus** (Love-Lies-Bleeding). Drooping crimson flowers borne in racemes. 2 ft. Oz. 35c. .05

230 **cruentus** (Prince's Feather). Dark red feathery flowers. Oz. 35c. .05

235 **tricolor** (Joseph's Coat). Foliage green, variegated crimson and yellow. 2 ft. ¼ oz. 30c. .05

240 **AMBROSIA Mexicana.** Sweet-scented annual, useful in bouquets. 1 to 1½ ft. Oz. 50c. .05

- No. **AMPELOPSIS.** H. P. Pkt.  
Plants see page 159.
- 250 **Quinquefolia** (Virginia Creeper or Woodbine). Foliage turns scarlet in Fall. ½ oz. 30c. .05
- 255 **Veitchii** (Boston, or Japanese Ivy). One of the best hardy vines for covering brick or store buildings; foliage dense, turning to scarlet in Fall... ½ oz. 30c. .05
- Anchusa.** H. P. Flowers borne on spikes of a variety of blue shades. Useful in shrubbery and perennial gardens. Plants see page 140.
- 260 **"Dropmore Variety."** H. P. The bright blue Forget-Me-Not-like flowers are borne on graceful stems during the entire season and way late into the Fall. It is a great improvement over the existing varieties. Hardy perennial 4 to 5 ft. .... ½ oz. 40c. .20
- 270 **Barrelieri.** Deep blue, throat shaded white to pink. 2 ft. .... ½ oz. 20c. .10
- 275 **Capensis.** H. A. Azure blue. 2 ft. .... ½ oz. 20c. .05
- 280 **Italica.** Deep blue. 3 ft. .... ½ oz. 30c. .05
- 285 **sempervirens.** Rich blue. 2 ft. .... Oz. \$1.25 .05
- ANEMONE.** H. P. One of the most beautiful perennials, having a great variety of color and flowering in May and June. Plants, see page 140.
- 290 **Single De Caen** (Wind Flower). Mixed. 9 in. .... ½ oz. 20c. .05
- 295 **St. Brigid** (Irish Anemone). Extra large. 9 in. .... ½ oz. 30c. .15
- 300 **ANTHEMIS Kelwayi.** H. P. Bright yellow flowers usually blooming all Summer. Plants, see page 141. ¼ oz. 50c. .10

## ANTIRRHINUM (Snapdragon)

Half-hardy perennial treated as an annual. One of the finest flowers for cutting in existence, bearing long spikes of gorgeously colored flowers. It is also grown extensively under glass in the Winter. Seed sown in the house or hotbed during February or March will flower in July and continue until frost. Plants, see page 132.

### SNAPDRAGON FOR FORCING

- DAVIS' PINK** (The newest and best of all.) The finest Snapdragon in the country to date. Stalks grow 4 feet or more in height, with solid spikes of flowers 16 to 20 inches long, color a beautiful Killarney pink, unequaled bloomer and the most profitable Snapdragon ever grown. Late bloomer. .... \$1.00
- SIVER PINK.** One of the most popular of all Snapdragons. An excellent sort for hothouse use. .... 1.00
- NELROSE.** One of the choicest varieties of pink Snapdragons for florists. .... .60
- PHLEP'S WHITE.** Fine, tall spikes; pure white. Fine forcer. .... .60
- VIRGINIA.** This variety is the best bright rose pink. Spikes of medium length and very compact. .... .60
- YELLOW.** Rich golden yellow. .... .60
- GARNET.** .... .60
- LIGHT PINK.** .... .60

### NEW DOUBLE FLOWERING

This new Snapdragon is something entirely out of the ordinary.

The abnormal petals which are seen emerging from the mouth-like aperture in the flowers between the upper and lower lips give a double and beard-like effect to the exceedingly large flower.

In about seventy per cent. of the seedlings this phenomenon is more or less in evidence, the remainder producing extra-sized and perfect flowers, as may be found in the other Grandiflorum varieties.

- 310 **Dark Rose.** .... \$0.25
- 311 **Light Rose with White Throat.** .... .25
- 312 **Pure White.** .... .20
- DWARF LARGE-FLOWERING ANTIRRHINUMS**
- 405 **Pure White.** .... ½ oz. 40c. .10
- 410 **Scarlet.** .... ½ oz. 50c. .10
- 415 **Delila.** Carmine and white. .... ½ oz. 35c. .10
- 417 **Crimson.** .... ½ oz. 35c. .10
- 420 **Pink.** .... ½ oz. 50c. .10
- 425 **Yellow.** .... ½ oz. 50c. .10
- 430 **Finest Mixed.** .... ½ oz. 40c. .10



Snapdragon, Double Flowering

### TALL GIANT FLOWERING ANTIRRHINUMS

- Feltham Beauty.** Lovely deep rose pink, with white center. Very strong and free-flowering. .... .20
- 315 **Finest Mixed.** .... ¼ oz. 35c. .10
- 318 **Venus.** (New.) Delicate rose with white throat. .... ¼ oz. 75c. .10
- 320 **Pure White** (Queen Victoria).... ¼ oz. 50c. .10
- 325 **Scarlet** (Firefly). .... ¼ oz. 35c. .10
- 330 **Yellow King.** .... ¼ oz. 60c. .10
- 335 **Rose** (Cottage Maid). .... ¼ oz. 35c. .10
- 340 **Delicate Rose.** .... ¼ oz. 50c. .10
- 345 **Salmon Pink.** (Self.) .... ¼ oz. 50c. .10

### INTERMEDIATE GIANT ANTIRRHINUMS

- 355 **Dainty Queen.** Salmon chamois, yellow lip. ¼ oz. 60c. .10
- 360 **Gloriosum.** Carmine, white throat. ¼ oz. 50c. .10
- 365 **Queen of the North.** White. .... ¼ oz. 40c. .10
- 370 **Black Prince.** Deep maroon. .... ¼ oz. 50c. .10
- 375 **Golden Queen.** .... ¼ oz. 50c. .10
- 380 **Brilliant Scarlet.** .... ¼ oz. 40c. .10
- 385 **Pink Empress.** Deep rosy pink. ¼ oz. 50c. .10
- 390 **Coral Rose.** .... ¼ oz. 50c. .10
- 395 **Finest Mixed.** .... ¼ oz. 40c. .10



Arctotis grandis

**Aquilegia.** (Columbine). H. P. One of the most popular perennials, easy of cultivation and flowering from May to August. Very desirable for herbaceous borders and groups among shrubbery. Requires a moist soil. Plants, see page 141.

No.		Pkt.
440	<b>ENGLISH LONG SPURRED HYBRIDS.</b>	
	Choicest Mixture. 3 ft. .... ¼ oz. \$1.00	\$0.15
445	Fottler's Select Hybrids. 3 ft. ¼ oz.	1.00 .10
450	Single, Finest Mixed. 3 ft. .... Oz. 60c.	.05
455	Double, Finest Mixed. 3 ft. .... Oz. 75c.	.05
460	alba plena. Double white. 3 ft. ¼ oz.	30c. .05
465	California hybrida. Golden yellow. 2 ft.	¼ oz. \$1.00 .10
470	Canadensis. Scarlet and yellow. 2 ft. ...	Oz. \$1.25, ¼ oz. 40c. .10
475	chrysantha. Bright yellow. 2 ft. Oz.	\$1.50 .10
478	cærulea candidissima. New. Double white	.20
480	cærulea. Violet blue and white. Extra	large. 2 ft. .... ¼ oz. \$1.25 .10
485	cærulea alba. White. 3 ft. .... ¼ oz.	1.00 .10
490	delicatissima. A Columbine of the most delicate color, the delicate satin-rose of the spurs passing imperceptibly into the delicate light yellow of the crown. Extremely long spurs. 3 ft. ¼ oz.	\$1.50 .25
495	glandulosa vera. Dark blue and white...	.25
500	chrysantha grandiflora alba. Pure white, long spurs. 2 ft. .... ¼ oz.	\$1.00 .20
505	Helenæ. Dark blue, long spurred. 2 ft.	.20
515	Jätschaut. Large yellow flowers, red spurs. 2 ft. .... ¼ oz.	\$1.00 .10
520	Skinneri. Large, scarlet tipped green, long spurs. 2 ft. .... ¼ oz.	\$1.00 .20
525	Rose Queen. Light to dark rose with white center, yellow anthers and long spurs. 2 ft. .... ¼ oz.	\$1.25 .25
530	Stuarti. Dark blue, white corolla; extra large. 2 ft. ....	.25
535	truncata. Orange scarlet and yellow...	.25

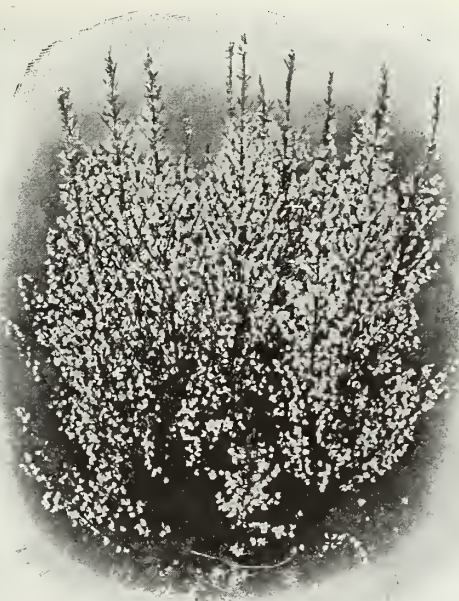
No.

Pkt.

	<b>Arabis.</b> (Rock Cress). H. P. Alpine trailing plant. Flowers borne on erect spikes, pure white and blooming very early. Useful in sunny rockeries and well drained borders. Plants, see page 141.	
540	alpina. 9 in. ....	Oz. 75c. \$0.10
	<b>Arctotis.</b> H. A. Daisy-like flowers, pure white with light blue center, often 3 inches across.	
555	grandis. 2½ ft. ....	¼ oz. 30c. .10
	<b>ARGEMONE</b> (Mexican, or Prickly Poppy). H. A. Large, pure white, Poppy-like flowers, of easiest culture in any soil.	
565	grandiflora. 2 ft. ....	¼ oz. 20c. .05
	<b>ARISTOLOCHIA</b> (Dutchman's Pipe). H. P. One of the best known hardy climbers, bearing curious pipe-shaped flowers of yellowish brown color.	
570	Sipho. 30 ft. ....	¼ oz. 50c. .25
	<b>ARMERIA</b> (Thrift, or Sea Pink). H. P. Pretty little plants for borders.	
575	formosa. Deep rose; double. 6 in. ....	.05
580	formosa alba. Pure white; double. 6 in.	.05
	<b>Asclepia.</b> (Milkweed, or Swallow-Wort). H. P. One of the most showy perennials; excellent for shrubbery, sunny borders and damp places.	
585	incarnata. Flesh color. ....	.15
590	tuberosa. Bright orange. 2 ft. ¼ oz.	60c. .15
595	Hall. Pure white. 2 ft. ....	.20
	<b>ASPARAGUS.</b> G. P. An excellent pot plant for conservatory or house decoration.	
600	plumosus nanus. Feathery, fern-like foliage. 18 in. ....	100 seeds \$1.00 .25
605	Sprengeri. Drooping, feathery foliage; excellent for hanging baskets. Oz.	\$1.00 .15
	<b>ASPERULA</b> (Sweet Woodruff). H. P. Free-flowering plants which thrive well in shaded places. Flowers white, sweet-scented.	
610	odorata. 1 ft. ....	¼ oz. 30c. .10
	<b>Asphodelus.</b> (King's Spear). H. P. Thriving well in any soil, bearing long spikes of flowers. Succeeds well in open and shady borders.	
615	albus. White. 2 ft. ....	¾ oz. \$1.00 .15
620	luteus. Yellow, sweet-scented. 2 ft. ....	¼ oz. 35c. .10



Aquilegia



Broom White Gem

**Baloon Vine.**

H. H. A. Climber; rapid grower; flowers white; seed-pods shaped like miniature balloons. Seed should be sown in March and planted in the open, latter part of May or June, in sunny location.

No. 1340 White. 7 ft. .... ¼ oz. 20c. Pkt. \$0.05

**BABY'S BREATH.** (See Gypsophila.)**Balsam.**

H. H. A. Plants of pyramidal growth bearing rose-like flowers which cover the whole plant; flowers profusely all Summer. In soil well fertilized excellent results will be obtained. 2 ft.

1345 Prize Winner Mixture. .... ¼ oz. 60c. .10

1350 Prince Bismarck. Delicate pink. .... ¼ oz. 60c. .10

**Camellia Flowered—**

1355 Scarlet. .... ¼ oz. 50c. .10

1360 Yellow. .... ¼ oz. 50c. .10

1365 Pure White. .... ¼ oz. 50c. .10

1370 Dark Blue. .... ¼ oz. 50c. .10

1375 Finest Mixed. .... ¼ oz. 50c. .10

**Rose-Flowered—**

1380 Finest Mixed. .... ¼ oz. 20c. .05

1385 BAPTISIA australis. H. P. The pea-shaped flowers are produced on spikes six inches long; flowers indigo blue. .... ¼ oz. 25c. .05

1390 BARTONIA aurea. H. H. Flowers bright golden yellow, of metallic lustre; seed-pods curiously twisted. Adapted for partial shade and moist locations. 18 in. .... ¼ oz. 25c. .05

**Bean.**

H. A. Climber. Flowers from July to September. Very ornamental, thriving in any ordinary soil.

1395 Scarlet Runner. 8 ft. .... Lb. 40c. .10

1400 White Runner. 8 ft. .... Lb. 40c. .10

1405 Butterfly Runner. Large, pink and white blossoms ..... Cannot supply.

**Broom.**

Pure white Genista-like flowers, borne on long, upright branches for the entire length. Best results are obtained by sowing the seed in gentle heat during April and planting out early part of June.

1512 White Gem. .... ¼ oz. 35c. .15

**Begonia.** These dwarf varieties are valuable for bedding. Seed sown in February or March make fine plants for bedding out in May and June.

No. 1415 Gracilis rosea. Bright rose color. .... Pkt. \$0.25

1420 Prima Donna. Flowers of a light rose, shading deeper toward center. .... .25

1425 Pink Beauty. Delicate pink with dark foliage. .... .25

1430 Luminosa. Large, bright, deep scarlet flowers; satiny brownish red foliage. .... .25

1435 alba. Pure white. .... .25

1440 Semperflorens Vernon. Scarlet flowers. .... .25

1455 Erfordi grandiflora superba. Plants compact and bushy, have glossy foliage and are literally covered with most delicate pink flowers. .... .50

1460 Erfordi rubra. New. Deep red. .... .50

**TUBEROUS ROOTED.** Most beautiful Summer- and Autumn-flowering plants. For beds, borders or window-boxes they are unsurpassed.

Choice assortment of bulbs, page 103.

1470 Large-flowered, Single Mixed. .... .50

1475 Large-flowered, Double Mixed. .... .50

**Bellis Perennis fl. pl.**

(Double Daisy). H. P. Flowering early in the Spring; very double. Fine for borders, requiring partial shade in hot weather.

1480 Finest Mixed. Extra. 4 in. ¼ oz. \$1.25 .10

1485 Longfellow. Bright rose. 4 in. ¼ oz. 1.50 .15

1490 Snowball. Pure white. 4 in. ¼ oz. 1.50 .15

1495 Giant red, Maxima fl. pl. Extra fine. 4 in. .25

1497 Monstrosa alba. Pure white. .... .15

1498 Monstrosa rosea. Rose pink. .... .15

1499 Monstrosa. Finest Mixed. .... .15

**BELVIDERE.** See Kochia tricophylla.

1510 BOLTANIA latisquama. H. P. Profusion of flower heads, allied to the single Aster; pale blue in color. .... ¼ oz. 75c. .15

**Browallia.**

H. A. Excellent free-flowering, Verbena-like flowers. Flowers all Summer in the open, also excellent house plants for Winter use. 18 in.

1515 Finest Mixed. .... ¼ oz. 20c. .10

1520 elata cœrulea grandiflora. Light blue. .10

1530 speciosa major. Extra large; deep blue. .15

1535 BUPHTHALMUM salicifolium (Ox-Eye Daisy). H. P. Golden yellow flowers, having brown center. .... ¼ oz. 40c. .05



Bellis Perennis

**Calceolaria.** Flowers borne in clusters of pocket-like lobes of various self colors and handsome spotted varieties. Especially adapted for house and greenhouse culture, making excellent exhibition plants.

No.		Pkt.
1550	<b>Superb English Mixture.</b> Special strain.	\$0.50
1555	<b>Self Colors in Mixture.</b> 2 ft. ....	.50
1560	<b>Spotted in Fine Mixture.</b> 2 ft. ....	.50
1565	<b>rugosa, or Shrubby.</b> Yellow and brown; bedding variety. ....	.50
1540	<b>CACALIA coccinea</b> (Tassel Flower). H. A. Showy trusses of bright scarlet, tassel-like flowers. .... ¼ oz. 30c.	.05
1545	<b>CALENDINIA Chromantha.</b> H. A. Very pretty dwarf growing plants, with Portulaca-like flowers, thriving best in a light, dry soil. .... ¼ oz. 25c.	.05

**Calendula.** H. A. Large double flowers, blooming all Summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems, 2 ft.

1570	<b>Double, Finest Mixed.</b> .... Oz. 35c.	.05
1575	<b>Orange King.</b> .... Oz. 40c.	.05
1580	<b>Meteor.</b> Orange, striped primrose. Oz. 40c.	.05
1585	<b>Prince of Orange.</b> Deep orange. Oz. 50c.	.05
1590	<b>Lemon Queen.</b> Clear lemon yellow. .... Oz. 50c.	.05
1595	<b>Pongel.</b> Double white. .... Oz. 50c.	.05
1600	<b>CALIFORNIA GOLDEN BELLS</b> (Emmenanthe penduliflora). An annual with pretty foliage and charming spikes of dainty yellow flowers like Lily of the Valley; fine for bouquets. 1 ft. ....	.15



Calendula Orange King



Coreopsis lanceolata

**Calliopsis.** (Or **Coreopsis.**) One of the most effective of our hardy annuals; very showy in open garden and excellent for cutting; flowers borne on individual stems 18 inches in length. 2 ft.

No.		Pkt.
1610	<b>Finest Mixed.</b> .... Oz. 35c.	\$0.05
1615	<b>atrosanguinea.</b> Velvety dark crimson. .... ¼ oz. 15c.	.05
1620	<b>bicolor tinctoria.</b> Yellow, with brown center. .... ¼ oz. 15c.	.05
1625	<b>coronata.</b> Yellow, with crimson spots. .... ¼ oz. 15c.	.05
1630	<b>Drummondii</b> (Golden Wave). Yellow, maroon center. .... Oz. 60c.	.05
1635	<b>grandiflora.</b> H. P. Large yellow flowers produced abundantly from June to October. .... ¼ oz. 25c.	.10
1640	<b>lanceolata.</b> H. P. Large; extra fine yellow. .... ¼ oz. 50c.	.10
	<b>CALIFORNIA POPPY.</b> See <b>Eschscholtzia.</b>	
1645	<b>CALLIRHOE involucrata</b> (Poppy Mallow). Large crimson flowers of spreading habit. Excellent for rockeries. 1 ft. ....	.05

**Campanula—Bellflower.** H. P. Not only is this one of our best known hardy perennials, but it deserves a place in every garden collection. Tall varieties fine for cutting, while dwarf make excellent border plants.

1650	<b>Carpatica.</b> Bright blue; borne on erect stems. 6 in. .... ¼ oz. 30c.	.05
1655	<b>Carpatica alba.</b> Pure white. 6 in. ¼ Oz. 50c.	.05
1660	<b>glomerata acaulis.</b> Deep blue. 6 in. .... ¼ oz. 75c.	.25
1665	<b>Longistyla.</b> Rich violet blue, drooping, slightly incurved, quite floriferous plants; loosely branching flower stems.	.25
1670	<b>Mariesii.</b> Rich violet. 18 in. .... ¼ oz. 50c.	.10
1675	<b>persicifolia grandiflora cœrulea.</b> Deep blue; extra long, erect stems. 2 ft. .... 1-16 oz. 60c.	.15
1680	<b>persicifolia grandiflora alba.</b> Pure white. 2 ft. .... ¼ oz. \$1.00	.15
1685	<b>persicifolia grandiflora fl. pl. Moerheimi.</b> Double white. 2 ft. .... 1-16 oz. 75c.	.25
1690	<b>persicifolia grandiflora</b> (The Fairy). Azure blue. 2 ft. ....	.25
1695	<b>pyramidalis</b> (Chimney Bell). Blue. 6 ft. .... ¼ oz. 25c.	.05
1700	<b>pyramidalis alba.</b> Pure white. 6 ft. .... ¼ oz. 20c.	.05
1705	<b>rotundifolia</b> (Scotch Bluebell). Deep blue. 18 in. .... ¼ oz. \$1.00	.10

**Campanula Media.** (Canterbury Bells). H. B. Plants grow in pyramidal form, bearing in profusion large, bell-shaped flowers. Very showy in mixed borders or among shrubbery. Seed sown in February will flower first season; sown in July will flower following season. Plants, see page 141.

No.	Single-Flowering.	Pkt.
1715	English Prize Mixture. 3 ft. . . . . ¼ oz. 35c.	\$0.05
1720	Delicate Lavender. 3 ft. . . . . ¼ oz. 25c.	.05
1725	Striped. 3 ft. . . . . ¼ oz. 25c.	.05
1730	Dark Blue. 3 ft. . . . . ¼ oz. 25c.	.05
1735	Rose. 3 ft. . . . . ¼ oz. 25c.	.05
1740	Rosy Carmine. . . . . ¼ oz. 35c.	.05
1745	White. 3 ft. . . . . ¼ oz. 25c.	.05
1750	Finest Mixed. 3 ft. . . . . ¼ oz. 25c.	.05
	<b>CALYCANTHEMA</b> (Cup and Saucer). 2 ft.	
1760	Blue. . . . . ½ oz. 50c.	.10
1765	Rose. . . . . ½ oz. 50c.	.10
1770	White. . . . . ½ oz. 50c.	.10
1775	Finest Mixed. . . . . ½ oz. 50c.	.10
	<b>Double-Flowering.</b>	
1780	Finest Mixed. 3 ft. . . . . ½ oz. 40c.	.05
1782	Blue. . . . . ½ oz. 50c.	.10
1785	Rose. . . . . ½ oz. 40c.	.10
1787	White. . . . . ½ oz. 40c.	.10

**Candytuft.** H. A. Very showy for borders flowers form in spikes; plants of branching habit. One of the best cut flowers for bouquets. Our strains of Candytuft are the best obtainable.

**Annual Varieties.**

1800	Finest Mixed. 1 ft. . . . . Oz. 50c.	.05
1805	Dunnetti Crimson. 1 ft. . . . . Oz. 40c.	.05
1810	Giant Empress. White; extra large. Fine for forcing. 2 ft. . . . . Oz. 60c.	.05
1815	<b>FISKE'S GIANT WHITE PERFECTION.</b> New. An extra fine mammoth, pure white, with long spikes usually from six to ten on each stem; best variety for forcing. . . . . Oz. \$1.00	.10
1820	Giant Hyacinth-Flowered. Pure white; fine truss. 2 ft. . . . . Oz. 50c.	.05
1825	Purple. 1 ft. . . . . Oz. 50c.	.05
1830	carnea. Flesh pink. 1 ft. . . . . Oz. 40c.	.05
1835	<b>ROSE CARDINAL.</b> Very rich, striking color; deep rosy cardinal. . . ¼ oz. 50c.	.15
1840	Little Prince. Dwarf, pure white. 6 in.	.10



Candytuft, Giant White Perfection

**Candytuft.** H. P. Plants very compact, blooming early in the Spring; excellent for bordering perennial gardens.

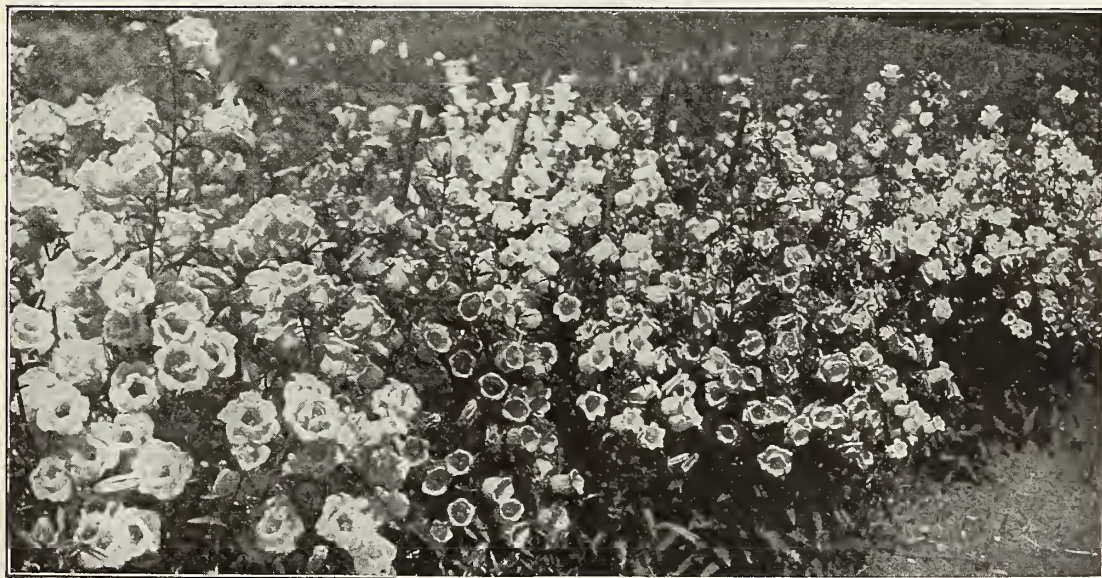
No.	Perennial Varieties.	Pkt.
1845	Gibraltarica. Large, white, tinted pink. 6 in. . . . . ½ oz. 50c.	\$0.10
1850	sempervirens. Pure white; glossy green foliage. 6 in. . . . . ½ oz. 50c.	.15

**Canna.** H. A. Excellent for its ornamental foliage and long spikes of brilliant flowers. Used extensively for bedding Bulbs and Plants, see page 132.

1860	Bronzed-Leaved Varieties. Finest Mixed. 8 ft. . . . . Oz. 40c.	.05
1865	Crozy's New Large-Flowering. Finest Mixed. . . . . Oz. 40c.	.05

**CARNATION.** See Dianthus.

**CASTOR OIL BEAN.** See Ricinus.



Campanula Calycanthema

## Cardinal Climber

### STRONG AND RAPID ANNUAL CLIMBER

A very strong and rapid climber, usually attaining a height of 20 feet to 30 feet. This annual climber is a beautiful and brilliant vine, with fern-like lacinated foliage, covered with an immense quantity of cardinal red flowers, blooming from early Summer to late Fall.

The individual blooms, usually 1 to 1½ inches across, are produced in clusters of five to seven each.

The Cardinal Climber belongs to the Morning Glory class, and is the result of crossing *Ipomoea quamoclit* and *Ipomoea coccinea*.

It is not unlike *Ipomoeas* as to habits, for it delights in sunny location and a good soil. Best results are obtained from seed sown outdoors after weather becomes favorable. Germination may be hastened by cutting or filing a hole in the outer shell, or soaking in warm water until they begin to swell.

Seed may also be sown early in greenhouse and small plants transplanted after danger from frost is past.

Pkt. 20c.

## Chinese Woolflower

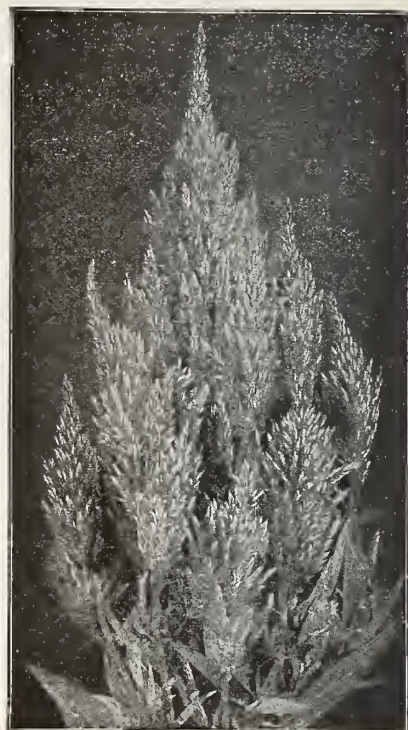
### CELOSIA CHILDSII

Without doubt this new *Celosia* is the most magnificent garden annual yet introduced. Its ease of culture and long continued blooming season, (July until frost), together with its massive bunches of wool-like flowers and glowing color, combine to make it the most odd as well as the showiest novelty for the general flower garden.

Plants grow about three feet high, the bloom starting early with a globular central head of immense size, while numerous branches are sent out, each bearing a ball of scarlet wool, while each branch produces many laterals which also develop excellent heads of bloom that last until killed by frost and expand with a deepening richness of color to a deep crimson scarlet.

Seed may be sown in open, after danger from frost, or sown in pots; may be transplanted when ground is ready.

Pkt. 20c., three pkts. 50c.



*Celosia Plumosa*



Chinese Woolflower

## Celosia. (Cockscomb). Ostrich Feather, or Plumed Varieties.

- | No.  |  | Pkt. |
|------|--|------|
| 1870 | <b>THOMPSONI MAGNIFICA NANA.</b> Dwarf. A beautiful dwarf variety of the well-known <i>Plumosa Thompsoni</i> ; the plant only grows about 1 ft. in height, while the flowers produce a brilliant array of colors from brilliant yellow to the darkest blood-red. .... ¼ oz. 60c. | .10  |
| 1872 | <b>PRIDE OF CASTLE GOULD.</b> An entirely distinct type of Feathered <i>Celosia</i> . Of compact pyramidal growth, covered with immense fine feathered heads of the most brilliant color, making an excellent sort for bedding as well as a fine pot plant. .... 1-16 oz. 50c.   | .20  |
|      | <b>THOMPSONI MAGNIFICA</b> (Feathered Cockscomb). H. A. For ornamental purposes this class is one of the most beautiful; entire plant covered with rich plumes of most striking colors.  |      |
| 1875 | <b>Golden Yellow.</b> 2 ft. .... ¼ oz. 60c.  | .10  |
| 1880 | <b>Carmine.</b> 2 ft. .... ¼ oz. 60c.  | .10  |
| 1885 | <b>Scarlet.</b> 2 ft. .... ¼ oz. 60c.  | .10  |
| 1890 | <b>Crimson.</b> 2 ft. .... ¼ oz. 60c.  | .10  |
| 1895 | <b>Finest Mixed.</b> 2 ft. .... ¼ oz. 60c.   | .10  |
|      | <b>CRISTATA NANA, Dwarf.</b> Flowers produced in large comb-like heads of most brilliant colors. Easy of cultivation; valuable for borders and bedding. Plants of the scarlet and crimson make a fine effect interspersed among perennials for rich colorings.                   |      |
| 1900 | <b>Finest Mixed.</b> 6 in. .... ¼ oz. 40c.   | .10  |
| 1905 | <b>Glasgow Prize.</b> Crimson; dark foliage. 6 in. .... ¼ oz. 50c.   | .10  |
| 1915 | <b>Empress.</b> New Giant Crimson. 6 in.   | .10  |
| 1925 | <b>Sulphur Yellow.</b> 6 in. .... ¼ oz. 50c.   | .10  |
| 1935 | <b>TALL, FINEST MIXED.</b> 3 ft. Oz. 60c.  | .05  |

**Centaurea.** (Bachelor's Button, Cornflower, Blue Bottle or Ragged Sailor). One of the most popular of our garden annuals, blooming continually all Summer. Seed may be sown either in Spring or Autumn. Thrives well in poor soil; for best results plants should be thinned to 8 in.

**ANNUAL VARIETIES**

No.			Pkt.
1950	<b>CYANUS.</b> Finest Mixed. 2 ft.....	Oz. 35c.	\$0.05
1955	Deep Blue. 2 ft. ....	Oz. 40c.	.05
1960	Rose. Bright rose. 2 ft.....	Oz. 35c.	.05
1965	White. 2 ft. ....	Oz. 35c.	.05
	<b>CYANUS fl. pl.</b> (Double Bachelor's Button). Double.		
1970	True Deep Blue. ....	Oz. \$1.50	.10
		Oz. \$1.25	.10
1975	White. ....	Oz. 75c.	.10
1978	Rose Pink. ....	Oz. 75c.	.10
1980	Double Finest Mixed. ....	Oz. 75c.	.10
	<b>IMPERIALIS.</b> (Giant Cornflower). H. A. Flowers very fragrant, of immense size and great variety of colors.		
1985	Finest Mixed. 2 ft.....	¼ oz. 50c.	.10
1990	White. 2 ft. ....	¼ oz. 60c.	.10
1995	Lilac. 2 ft. ....	¼ oz. 60c.	.10
2000	Brilliant Rose (Favorita), 2 ft. ¼	oz. 60c.	.10
2005	Pink, White Center. 2 ft.....	¼ oz. 60c.	.10
2010	Purple (Graziosa), 2 ft.....	¼ oz. 60c.	.10
	<b>MOSCHATA</b> (Sweet Sultan). H. A. Fra- grant flowers; very showy.		
2015	Finest Mixed. 2 ft. ....	Oz. 50c.	.05
2020	Blue. 2 ft. ....	Oz. 50c.	.05
2025	White. 2 ft. ....	Oz. 50c.	.05
2030	Suaveolens. Yellow. 2 ft.....	Oz. 75c.	.05
2035	Americana. H. A. Flowers lilac-purple, often 4 inches in diameter, flowering from June to September....	¼ oz. 60c.	.10
2040	Marguerite (Giant White Cornflower). H. A. 2 ft. ....	¼ oz. 50c.	.10
2045	odorata Chameleon. H.A. Light yellow shading to rosy-lilac. 2 ft....	½ oz. 50c.	.10

**PERENNIAL VARIETIES**

2050	Babylonica. H. P. Bright yellow. 3 ft...	.10
2055	montana. H. P. Deep purple. 2 ft.....	.10
		¼ oz. 60c.
2058	montana alba. H. P. Pure white, fine sort.	.10
2060	Candidissima (Dusty Miller). H. H. P. Silvery foliage being heavily clothed with a white downy covering. Used extensively for bordering and baskets.	
	1 ft. ....	¼ oz. \$1.25 .10



Centaurea cyanea

No.		Pkt.
2065	<b>Gymnocarpa</b> (Dusty Miller). H. H. P. Fern-like foliage with silvery cover- ing. 1 ft. ....	Oz. \$1.00 \$0.05

**Chrysanthemum.** Plants of easy cultivation, very showy and excellent for cutting, flowering from June till frost. One of the most satisfactory hardy annuals for Summer blooming.

**ANNUAL VARIETIES**

2090	Finest Mixed, Single. 2 ft.....	Oz. 40c.	.05
2095	Finest Mixed, Double. 2 ft....	¼ oz. 25c.	.05
2100	Single, Lord Beaconsfield. Crimson and yellow. ....	Oz. 40c.	.05
2102	Morning Star. Primrose yellow....	Oz. 50c.	.10
2103	Evening Star. Golden yellow....	Oz. 60c.	.10
2105	The Sultan. Deep scarlet. 2 ft..	Oz. 60c.	.05
2110	Burridgeanum tricolor. White, crimson ring. 2 ft. ....	Oz. 50c.	.05
2115	Eclipse. Yellow, crimson ring. Oz. 50c.		.10
2120	<b>WELL'S NEW EARLY SINGLE.</b> A most beautiful strain, from this well-known specialist, producing the greatest va- riety of colors. ....		.25
2125	<b>Coronarum hybridum.</b> Double fringed. Finest Mixed. ....	Oz. \$1.00	.05

**PERENNIAL VARIETIES**

Plants, see page 142.

2145	Snowball. New. Extra fine double white, excellent for cutting. ....	.15
2150	Maximum (White Ox-eyed Daisy). Large flowers. 3 ft. ....	¼ oz. 50c. .10
2155	King Edward VII. Large; pure white..	.10
2160	Shasta Daisy, Hybrids. Flowers pure white, borne on long, stiff stems....	1-16 oz. 50c. .25
2165	Ugliginosum (Giant Daisy). One of the best of the later perennials, flowering from August to October.....	.10
	<b>CHELONE</b> (Shell Flower). H. P. Flowers grow in long spikes and succeed in any ordinary good garden soil.	
2085	Barbata Torreyi. ....	¼ oz. 50c. .10



**Cineraria Hybrida.** G. A. Among the most useful and ornamental of plants that can be grown for hothouse or conservatory decoration. Sow seed from July to September. Young plants require cool location and abundance of water, especially when in bloom. Pkt.

- No. 2170 **FOTTLER'S EXHIBITION MIXTURE.** This strain is unsurpassed for size and assortment of gorgeous colors, including self, ringed and margined....\$0.50
- 2180 **HYBRIDA GRANDIFLORA NANA.** Dwarf, Finest Mixed. Same as above, but only attaining a height of about 15 in. ....50
- 2185 **stellata** (Star-flowered Cineraria). Very effective pot plants, flowers smaller than preceding varieties, but more numerous, borne on long, erect stems. ....50
- 2190 **candidissima** (Dusty Miller). Silvery foliage and used for vases and hanging baskets, 1 ft. ....1/4 oz. 35c. ....05
- 2195 **maritima** (Dusty Miller). Silver gray foliage; fine for edging.....1/4 oz. 35c. ....05

**Clarkia.** H. A. Flowers are borne along the woody stem. Plants attain a height of 15 inches; of branching habit and easy of cultivation.

- 2200 **elegans.** Double. Finest Mixed. Oz. 35c. ....05
- 2202 **Chamois Color.** Double, delicate, pale Chamois. ....10
- 2203 **Orange King.** (New.) Bright orange scarlet; very double.....1/4 oz. 50c. ....10
- 2205 **Salmon Queen.** Delicate pink..1/4 oz. 35c. ....05
- 2210 **Double White.** .....1/4 oz. 25c. ....05
- CLEMATIS.** H. P. Well-known climbers, remarkable for the beauty and fragrance of their blossoms. One of the best climbers for verandas in existence. Plants, see page 159.
- 2215 **paniculata.** A vigorous grower, and covered in the latter part of the Summer with a perfect cloud of star-like fragrant white flowers. ....Oz. \$1.00 ....10

**Cleome.** (Spider Plant.) Biennial used as an annual, flowering the first season. Flowers are a delicate rose color. Seed should be sown in March indoors.

- 2225 **gigantea hybrida.** Giant Hybrids in an assortment of colors, often 4 to 5 ft. in height. ....1/4 oz. 75c. ....10
- 2230 **pungens.** Delicate Rose.....1/4 oz. 50c. ....10
- 2270 **CORN; rainbow;** (Striped Maize). A very ornamental foliage plant, making effective coloring where tall background is needed. ....10



Cineraria hybrida grandiflora nana



Cosmos, Early Flowering

**CLIANTHUS** (Glory Pea). A magnificent tender shrub, blooming freely through the Summer. The flowers are pea-shaped, large and of a brilliant scarlet color, black center.

- No. 2240 **Dampferi.** 3 ft. ....Pkt. \$0.15

**CLOVE PINKS.** See **Dianthus.**

**Cobaea.** H. A. One of the best annual climbers, attaining a height of 15 feet. Flowers bell-shaped, about 3 inches in diameter. Fine for piazza trellises and will grow indoors throughout the Winter. Plants, see page 133.

- 2245 **scandens.** Rich purple. ....Oz. \$1.00 ....10
- 2250 **scandens alba.** White.....Oz. \$1.50 ....10
- COCCINEA.** H. A. Climber, bearing large white flowers; fruit when ripe is a rich scarlet.
- 2255 **indica.** 8 ft. ....10

**COCKSCOMB.** See **Celosia.**

**COLEUS.** Unsurpassed for bedding; beautifully colored foliage; easy of cultivation. Tender perennial. 18 in. Plants, see page 133.

- 2258 **PYRENEES COLOSSAL.** Choice variety with enormous leaves of very rich and various colors, for the most part with white ground. ....25
- 2260 **Hybrida, Finest Mixed.** ....25
- 2265 **Fine Mixed Varieties.** ....15
- COREOPSIS.** See **Calliopsis.**



Cobaea scandens—See page 72

## COSMOS

This beautiful annual is one of the most showy and useful of our garden plants. Plants grow from four to six feet in height, and are very bushy and compact. Flowers borne on long delicate stems and are similar to single Dahlias. Foliage very finely cut. Excellent for cutting.

No. Plants, page 133. Pkt.

### EXTRA EARLY MAMMOTH FLOWERING.

Bearing flowers, usually from four to five inches across, and blossoming sixty days from sowing the seed.

2275	Finest Mixture. ....	1/8 oz. 40c.	\$0.10
2276	Crimson. ....	1/8 oz. 40c.	.10
2277	Pink. ....	1/8 oz. 40c.	.10
2278	White. ....	1/8 oz. 40c.	.10
2280	Lady Lenox. Beautiful shell pink. Flowers are extra large; stems long; plants strong and vigorous. ....	1/8 oz. 50c.	.15

### GIANT EARLY FLOWERING.

2285	Finest Mixed. Seed if sown in March will flower during July. 4 ft. ....	1/8 oz. 60c.	.10
2290	Crimson. An exceedingly brilliant color. ....	1/8 oz. 60c.	.10
2295	Pink. Bright rose pink. 4 ft. ....	1/8 oz. 60c.	.10
2300	White. 4 ft. ....	1/8 oz. 60c.	.10

### MAMMOTH LATE.

2310	Finest Mixed. 6 ft. ....	1/8 oz. 25c.	.05
2315	Pink. 6 ft. ....	1/8 oz. 25c.	.10
2320	Crimson. 6 ft. ....	1/8 oz. 25c.	.10
2325	White. 6 ft. ....	1/8 oz. 25c.	.10
2328	Striped. 6 ft. ....	1/8 oz. 30c.	.10
2330	Orange (Klondyke.) ....	1/8 oz. 40c.	.10

**COTTON.** A. Very ornamental for garden; flowers large and pure white. Seed pods pointed and at maturity burst, showing a profusion of white down known as our commercial cotton.

2335	Pure White. ....	Oz. 50c.	.05
------	------------------	----------	-----

**CUCUMBER, WILD.** See Echinocystis.

**Cypress Vine.** H. A. Rapid climber, having dark green, feathery foliage, bearing an abundance of star-like flowers. Fine for trellises.

2445	Finest Mixed. ....	Oz. 60c.	.05
2450	Bright Scarlet. ....	Oz. 60c.	.05
2455	Pure White. ....	Oz. 60c.	.05

## CYCLAMEN

### Fiske's Gold Medal Strain

Our strain of Giant Cyclamen, producing immensely large flowers, is surpassed by none. Our seed is grown by an expert in this special class of plants. For best results seed should be sown from September to February. Temperature required is between 50 degrees and 60 degrees F. Bulbs 2 inches in diameter can be obtained in one year.

No.		Pkt.
2350	Choicest Mixed. Named varieties. ....	\$0.50
2355	Blood Red. (Giganteum.) Rich deep red, very choice. ....	.50
2360	Brilliant. (Giganteum.) Extra dark crimson. ....	.50
2365	Dame Blanche. (Giganteum.) Pure white; large broad petals, very choice. ....	.50
2370	Excelsior. White with purple base. ....	.50
2373	Glory of Wandsbek. Beautiful salmon color. ....	.50
2375	grandiflora alba. (Giganteum.) Giant pure white. Largest and best white. ....	.50
2380	Mauve Queen. Mauve. ....	.50
2385	Mont Blanc. (Giganteum.) Pure white. ....	.50
2387	Mrs. Buckston. A beautiful salmon, frilled petals. ....	.50
2388	Pearl of Zehlendorf. Beautiful salmon shade. ....	.50
2395	Princess of Wales. Giant, deep pink. ....	.50
2400	Rose of Marintal. Soft shell pink. ....	.50
2405	Rosy Morn. Delicate rose, tinted claret base. ....	.50
2415	Giant Salmon King. Extra beautiful salmon pink. ....	.50
2420	Sunray. Pink, with claret base. ....	.50
2425	New Fimbriata. Finest Mixed. Fine variety of colors; petals beautifully fringed. ....	.75
2340	CUPHEA Platycentra. (Cigar Plant.) Pretty, half-hardy perennial with bright scarlet tube-shaped flowers with black and white lip; excellent for garden or pot culture. ....	.15
	<b>CYNOGLOSSUM.</b> H. A. Pretty border plants, profuse in bloom and excellent for cutting. June to October. 1 ft.	
2430	celestinum. Fine blue. ....	Oz. 50c. .05
2435	linifolium. Pure white. ....	Oz. 50c. .05



Cyclamen, Gold Medal Strain



Delphinium, Larkspur

## Dahlia

H. H. P. Grown very readily from seed and flowering the first season. Requires a common garden soil and moderate amount of water. When plants show buds a good feeding with liquid manure will greatly increase blooms. Seed saved from our own choice collection.

No.		Pkt.
2460	Cactus-Flowered. Finest Mixture. Saved from our own stock of named sorts. 4 ft. ....	\$0.20
2643	Pæony-Flowered. Very choice mixture....	.25
2465	Decorative, Finest Mixed.....	.25
2470	Double Show. Finest Mixed. 4 ft. ....	.15
2473	Collarette. In Choicest Mixture.....	.20
2475	Single-Flowering. Finest Mixed. 4 ft. ....	.10
2478	Pompon. Choice Mixed.....	.15

DAISY, DOUBLE. See *Bellis perennis*.

DATURA (Trumpet Flower). H. H. A. Strong growing ornamental annual shrubs. Flowers trumpet shape, large and fragrant.

2480	Finest Mixed. 3 ft. ....	Oz. 30c .05
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## Delphinium

(Perennial Larkspur)

One of the finest perennials in use at present time; very easily grown and requiring no protection in Winter. Leaves are curiously cut; flowers borne on long, erect stems forming into spikes 2 feet in length. It is quite safe to state that no perennial bed or border is complete without them. Seeds sown in greenhouse in February will produce plants which should bloom the following Summer.

Plants for first season's flowering can be obtained, see page 142.

Annual Varieties. See Larkspur.

## Rev. E. Lascelles (New)

Beautiful Deep Blue

A particularly fine new addition to the already well known Delphiniums. The flowers are quite double and of extra size, showing a beautiful deep blue color, with white center, producing an excellent contrast. We have had the plants of this excellent variety growing, and they have been greatly admired by all who have seen them. The flowers have been very shy in producing seed, but during the past season we have been quite successful in securing a stock of seed.

A large percentage of seed comes true, while the balance will undoubtedly produce some very choice hybrids.

No.		Pkt.
2495	Deep Blue. ....	\$0.20
2500	RAWSON'S SELECTED HYBRIDS. Comprising the most brilliant colors, with extra large flowers and long spikes. 4 ft. ....	Oz. \$2.00, ¼ oz. 60c. .25
2505	BELLADONNA. New. Beautiful turquoise blue and continuous bloomer; spikes of good size. ....	¼ oz. \$1.00 .25
2510	Chinensis azureum. Deep blue. 3 ft. ....	¼ oz. 25c. .05
2515	Chinensis album. Pure white. 3 ft. ....	¼ oz. 25c. .05
2525	cardinale. Scarlet. 3 ft. ....	¼ oz. \$1.25 .15
2530	elatum. Blue. 4 ft. ....	¼ oz. 50c. .05
2535	formosum. Dark blue, white center. 3 ft. ....	¼ oz. 50c. .05
2540	formosum celestinum. Azure blue. 3 ft. ....	¼ oz. 60c. .10
2545	formosum grandiflorum. New. Producing massive spikes; the flowers of a beautiful deep blue; often measure from 2 to 2½ inches across. 3 ft. ....	¼ oz. 50c. .20
2550	Sibiricum hybridum. Shades of blue. If sown early will flower during August. 2 ft. ....	Oz. \$1.75, ¼ oz. 50c. .10
2555	speciosum. Bright blue. 3 ft. ....	¼ oz. 50c. .10
2560	Sulphureum hybridum (Zalil). Sulphur yellow. 4 ft. ....	.15

## DAHLIAS

Our Superb Collection of  
Dahlia Bulbs

the largest to select from

See Special Section, this catalogue

Pages 116 to 131 inclusive.

**Dianthus.** (Garden Pink). In the following list of Dianthus or Garden Pinks will be found the best varieties for general use. We take especial care in selecting our stock and procure same from only the most experienced growers. **Plants**, see page 142.

**CARNATION, Giant Marguerite.** H. H. P. From seed sown early in Spring, will bloom in July and continue until frost. Flowers are extra large and the greater percentage double, usually about three inches in diameter, 18 in.

No.			Pkt.
2570	<b>Finest Mixed.</b> .....	1/8 oz. 50c.	\$0.10
2575	<b>Rose.</b> .....	1/8 oz. 50c.	.10
2580	<b>Scarlet.</b> .....	1/8 oz. 50c.	.10
2585	<b>White.</b> .....	1/8 oz. 50c.	.10
2590	<b>Yellow.</b> .....	1/8 oz. 50c.	.10
2595	<b>Giant of Nice (Riviera Market).</b> Superior class of perpetual-flowered Carnations blooming six months after sowing, and surpassing all others in size, color and productiveness .....	1-16 oz. \$2.25	.25
2600	<b>Dianthus plumarius (Hardy Garden, or Old-Fashioned Cove Pink).</b> A splendid free-flowering class, more hardy than the Carnation, and with a strong clove fragrance. ....	1/4 oz. 30c.	.10
	<b>plumarius Cyclops.</b> A double variety of the popular Pheasant's-Eye. Pink. Very hardy and showy. June to September. ....		.25
2605	<b>Double Mixed.</b> 12 in. ....		.25
2610	<b>Scoticus fl. pl. (Paisley Pink).</b> Flowers resemble those used for forcing; exceptionally fragrant and most desirable for gardens. ....		.25
	<b>semperflorens fl. pl. (Everblooming Pink).</b> Flowering in great profusion from June to October. ....		
2620	<b>Finest Mixed.</b> .....		.15



Carnation Marguerite

DIANTHUS—Continued

No.		Pkt.
	<b>Chinensis fl. pl. (Chinese, or Indian Pink).</b> Flowers double, of great variety of colors. ....	\$0.05
2625	<b>Finest Mixed.</b> .....	.25
	<b>Heddwigii fl. pl. (Japanese Pink).</b> Double flowers of brilliant colors. ....	.10
2630	<b>Finest Mixed.</b> .....	.05
2635	<b>Crimson Belle.</b> Double crimson; extra large. ....	.10
2640	<b>albus plenius.</b> Double white. ....	.10

**Dictamnus.** (Dittany, or Gas Plant). H. P. Flowers formed on long spikes; the leaves are thick and if rubbed emit a fine odor. The plant gives off a resinous matter which will readily ignite in warm weather.

2665	<b>fraxinella, Crimson and White.</b> 3 ft. ....	.05
2667	<b>fraxinella alba</b> .....	.10

**Digitalis.** (Foxglove). One of the finest of perennials, bearing long spikes of Gloxinia-like flowers of tubular shape. Plants will grow in partial shade and in almost any good garden soil; attains a height of 4 ft. **Plants**, see page 142.

2670	<b>Canariensis.</b> Light yellow. ....	.25
	1/8 oz. \$1.00	
2675	<b>Gloxiniæflora. Finest Mixed.</b> Spotted throat. ....	.05
2680	<b>alba.</b> White. ....	.05
2685	<b>rosea.</b> Pink. ....	.05
2690	<b>lilacina.</b> Lavender. ....	.05
2695	<b>Maculata superba (Ivery's Spotted).</b> ....	.05
2700	<b>Monstrosa. Finest Mixed.</b> Extra large flowers. ....	.10
	1/4 oz. 50c.	
2705	<b>monstrosa alba.</b> Pure white. ....	
2710	<b>monstrosa rubra.</b> Rose pink. ....	
2715	<b>purpurea (Witches' Fingers).</b> ....	.05
	Oz. 50c.	
2720	<b>Fiske's Superb Mixture.</b> .....	.10
	1/4 oz. 50c.	



Digitalis, Foxglove



Eschscholtzia, California Poppy

- Dimorphotheca.** Very beautiful, rare and free-flowering annual, of easy culture, forming bushy plants 3 inches high, covered with flowers 3 inches across, of a rich glossy orange-yellow color, with black center; blooms continuously.
- |      |   |        |
|------|---|--------|
| No.  |   | Pkt.   |
| 2725 | <b>aurantiaca.</b> ..... ¼ oz. 50c.   | \$0.10 |
|      | <b>DOLICHOS Lablab</b> (Hyacinth Bean). Rapid growing climbers; flowers borne in clusters. Attractive; ornamental.  |        |
| 2740 | <b>Finest Mixed.</b> 10 ft....Oz. 25c.  | .05    |
|      | <b>DORONICUM.</b> There is no finer Spring-blooming hardy perennial than this. The flowers are large, single and a fine yellow.                           |        |
| 2760 | <b>Caucasicum.</b> 1 ft.....  | .25    |
|      | <b>DRACENA.</b> G.P. Very ornamental in greenhouses, with its long narrow leaves. Also used abundantly in centers of vases and urns.                      |        |
| 2765 | <b>Indivisa.</b> Narrow, dark green foliage   | .10    |
|      | <b>ECHINACEA</b> (Perennial Red Sunflower). H. P. Flowers large, varying from 6 to 10 inches across. Plants attain a height of 6 ft.; color purplish red. |        |
| 2785 | <b>Helianthus.</b> .....  | .10    |
|      | <b>ECHINOCYSTIS</b> (Wild Cucum-ber). One of the quickest growing vines; fine for covering waste places and stone walls.                                  |        |
| 2790 | <b>lobata.</b> 20 ft.....Oz. 40c.   | .05    |

- |      |  |        |
|------|--|--------|
| No.  |  | Pkt.   |
|      | <b>ECHINOPS</b> (Globe Thistle). H. P. Flowers formed in heads in globe form of steel blue color. Foliage deeply cut and of silvery-white color. Particularly attractive.  |        |
| 2795 | <b>Bitro.</b> ..... ¼ oz. 20c.   | \$0.05 |
|      | <b>EDELWEISS</b> (Lion's Foot).  |        |
| 2800 | <b>Leontopodium Sibiricum.</b> H. P. New. This variety, found in Russia, is fully double the size and is of easy culture. The large white blooms are readily produced in England, and can be as easily grown here, for the flowers are developed far better in the low country than are those of the Edelweiss of the Alps. Cannot supply. |        |
| 2805 | <b>Leontopodium alpinum.</b> H. P. Flower heads are flat, resembling soft-cushioned foot of the lion. It is a native of the Swiss Alps and is used mostly in rockeries in moist, sandy locations. 6 in..   | .15    |

- Eschscholtzia.** (California Poppy). One of the best annuals for bedding, having large, Poppy-like flowers varying in different shades of white and yellow. Foliage is very finely cut and the plants bloom from early Summer till frost.
- |      |  |     |
|------|--|-----|
| 2840 | <b>Finest Mixed.</b> 18 in.....Oz. 40c.  | .05 |
| 2845 | <b>Californica.</b> Yellow, orange center. Oz. 35c.  | .05 |
| 2850 | <b>Californica alba.</b> Pure white.....Oz. 35c.   | .05 |
| 2855 | <b>Rosy Carmine.</b> .....Oz. 60c.   | .05 |
| 2860 | <b>Carmine King.</b> New. Very fine deep carmine. .... ¼ oz. 30c.  | .10 |
| 2865 | <b>Golden West</b> (Maritima). Bright orange yellow. ....Oz. 35c.  | .05 |
| 2870 | <b>Mandarin.</b> Bright orange, shaded crimson. Oz. 50c.   | .05 |
| 2875 | <b>crocea.</b> Deep orange.....Oz. 35c.  | .05 |
| 2880 | <b>Rose Queen.</b> Carmine rose..... ¼ oz. 50c.  | .10 |
|      | <b>EUCALYPTUS</b> (Australian Blue Gum). H. H. P. Very decorative plant for greenhouse, with showy bluish foliage.   |     |
| 2885 | <b>globosus.</b> 6 ft. .... ¼ oz. 50c.   | .05 |
| 2910 | <b>Euphorbia pulcherrima</b> (Poinsettia). Charming greenhouse shrub for house or conservatory decoration, with beautiful large crimson bracts.....              | .25 |
| 2915 | <b>heterophylla</b> (Mexican Fire Plant). H. A. Flowers formed in large bracts, usually about 6 inches across..... ¼ oz. 35c.                                    | .10 |
| 2920 | <b>variegata</b> (Snow on the Mountain). H. A. Fine for bordering, with its clusters of white flowers and foliage variegated green and white. 15 in.....Oz. 35c. | .05 |

**FEVERFEW.** See *Matricaria*.  
**FORGET-ME-NOT.** See *Myosotis*.  
**FOUR O'CLOCK.** See *Marvel of Peru*.  
**FOXGLOVE.** See *Digitalis*.



Dimorphotheca Aurantiaca

- Gaillardia.** (Blanket Flower). Very showy annual, used abundantly for borders and bedding and fine for cut flowers. Seed should be started early and will flower continually until frost.
- | No.  | Annual Varieties.  | Pkt.   |
|------|--|--------|
| 2960 | <b>picta, Single Finest Mixed.</b> 2 ft..Oz. 50c.  | \$0.05 |
| 2965 | <b>amblyodon.</b> Single deep red. 2 ft.....   | .05    |
| 2970 | <b>picta Lorenziana.</b>   |        |
|      | <b>Double Finest Mixed.</b> 2 ft....Oz. 60c.   | .05    |
|      | <b>Perennial Varieties.</b>  |        |
| 2975 | <b>Grandiflora hybrida, Finest Mixed.</b> Continual bloomer; very showy and one of the most brilliant garden flowers. Fine for perennial borders..¼ oz. 25c.   | .05    |
| 2980 | <b>Grandiflora sanguinea.</b> The yellow color has been nearly eliminated from the blood-red flowers; only the extreme points of the petals still retain the yellow color, which appears as a golden seam on large and well-shaped flowers. ....¼ oz. 50c. | .15    |
| 2990 | <b>superba.</b> Large, red and yellow..¼ oz. 50c.  | .10    |



Annual Gaillardia

- GAURA.** H. H. P. Flowering first year from seed if started indoors in February. Excellent for garden decoration, with its long spikes of pink or white flowers.
- | No.  |  | Pkt.   |
|------|--|--------|
| 2995 | <b>Lindheimeri.</b> 2 ft. ....   | \$0.05 |
|      | <b>GENTIANA</b> (Blue Gentian). H. P. Large, bell-shaped flowers of an intense blue color. A moist location is best suited for these plants.                       |        |
| 3010 | <b>acaulis.</b> 4 ft.....  | .10    |
|      | <b>GEUM.</b> H. P. Large, showy flowers in colors of scarlet and yellow. Fine herbaceous plants for shrubby border.  |        |
| 3045 | <b>Finest Mixed.</b> 1 ft.....   | .05    |
|      | <b>GLOBE AMARANTH</b> (Comphrena). H. A. Globe-shaped, everlasting flowers. When in full bloom should be cut and hung up to dry; will hold their color all Winter. |        |
| 3060 | <b>Finest Mixed.</b> 2 ft.....¼ oz. 15c.   | .05    |

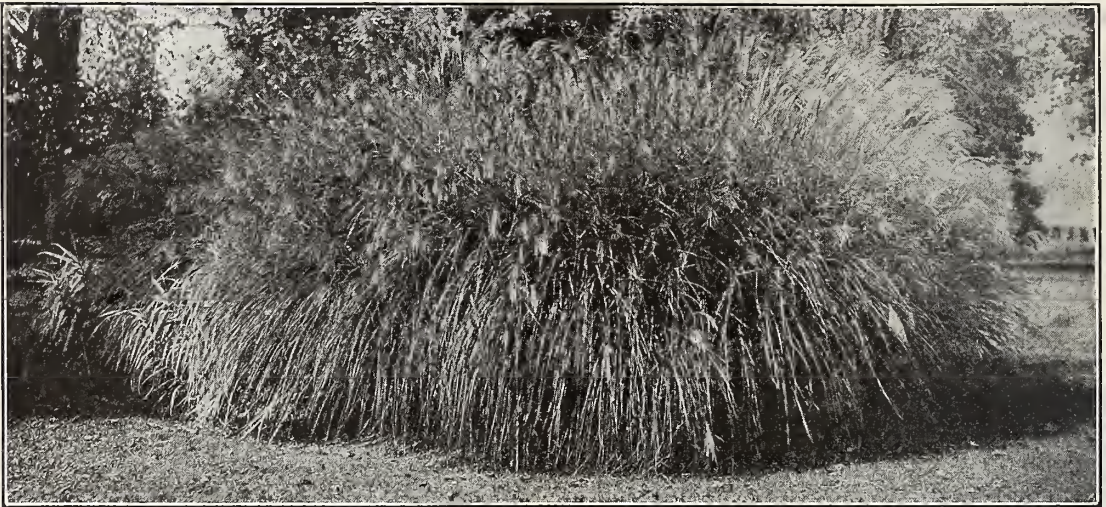


Gerbera Jamesoni hybrida

- No. **Gerbera Jamesoni hybrida.** A much improved strain, including some of the most exquisite colors and incomparable for their delicacy and richness, with an infinity of tints from pure white through yellow, orange, salmon, rose, cerise and ruby-red to violet. Often the coloring of the disc varies from that of the rays. These beautiful flowers, with their long stems, are excellent for bouquets which retain their freshness from ten to fourteen days. ....\$0.35
- 3035 **Jamesoni.** G. P. (Transvaal Daisy). Beautiful Daisy of a brilliant orange-vermilion color on long stems, blooming almost the whole year if given greenhouse protection during Winter. .25



Gloxinia—See page 78



Ornamental Grass, *Eulalia zebrina*

**GLOXINIA.** Though grown mostly from bulbs, may be grown very easily from seed and are also propagated by leaf cuttings. Flowers large, bell-shaped, of most brilliant, velvety colors; leaves thick; succulent and very ornamental.

- |      |  |        |
|------|--|--------|
| No.  |  | Pkt.   |
| 3075 | <b>Fottler's Superb Mixture.</b> ..... | \$0.50 |

**LARGE FLOWERING BULBS.** See page 111.

- Godetia.** (Satin Flower). H. A. Rapid growing annual shrub, producing large, Mallow-like flowers; very ornamental in mixed beds. Plants require plenty of room and thrive better in a poor soil.
- |      |   |              |     |
|------|---|--------------|-----|
| 3090 | <b>Crimson Glow.</b> Deep crimson. New. Grows about 9 in. high; finest variety for bordering; completely covered with clusters of flowers. .... | 1/4 oz. 60c. | .10 |
| 3095 | <b>Finest Mixed.</b> .....  | 1/4 oz. 20c. | .05 |
| 3100 | <b>Pure White.</b> .....  | 1/4 oz. 15c. | .05 |
| 3105 | <b>Lady Albemarle.</b> Dark crimson. ....   | 1/4 oz. 20c. | .05 |
| 3110 | <b>Bright Scarlet.</b> .....  | 1/4 oz. 15c. | .05 |
| 3115 | <b>Schamini fl. pl.</b> A lovely bright rose color; very double. Very effective for bedding or cutting. 2 ft. ....                              | 1/4 oz. 50c. | .10 |



Godetia

**Gourd's, Ornamental.** H. A. Climber. Quick growing vines; excellent for covering arbors, walls and waste places. Gourds grow in very curious shapes and are used for house ornaments.

- |      |  |                 |
|------|--|-----------------|
| No.  |  | Pkt.            |
| 3120 | <b>Finest Mixed Varieties.</b> 15 ft. ....                   | Oz. 25c. \$0.05 |
| 3125 | <b>Apple Shaped</b> (Maliformus). Striped. ....              | .05             |
| 3130 | <b>Bottle Shaped</b> (Lagenaria vulgaris). Light green. .... | Oz. 25c. .05    |
| 3135 | <b>Cannon Ball.</b> (L. rotunda) ....                        | Oz. 25c. .05    |
| 3140 | <b>Citron Shaped</b> (Cucurbita limoniformis). ....          | Oz. 25c. .05    |
| 3145 | <b>Dipper, or Calabash.</b> ....                             | Oz. 25c. .05    |
| 3150 | <b>Dish Cloth</b> (L. Corsica) ....                          | Oz. 25c. .05    |
| 3155 | <b>Egg Shaped</b> (Cucurbita ovifera). White. ....           | Oz. 25c. .05    |
| 3160 | <b>Gooseberry</b> (Cucumis grossularia) ....                 | Oz. 25c. .05    |
| 3165 | <b>Hercules' Club.</b> Often 4 ft. long. ....                | Oz. 25c. .05    |
| 3170 | <b>Orange</b> (Cucurbita aurantiaca). Orange. ....           | Oz. 25c. .05    |
| 3175 | <b>Pear Shaped</b> (Cucurbita pyriformis). ....              | Oz. 25c. .05    |
| 3180 | <b>Powder Flask</b> (L. pyrotheca) ....                      | Oz. 25c. .05    |
| 3183 | <b>Serpent</b> (Cucumis flexuosus) ....                      | Oz. 25c. .05    |
| 3185 | <b>Striped Angora.</b> ....                                  | Oz. 25c. .05    |
| 3190 | <b>Chinese Red Turban.</b> ....                              | Oz. 25c. .05    |
|      | Collection, one each of any six varieties. ....              | .25             |

**Grasses, Ornamental.** Valuable for their various colored foliage, some varieties for their flowers. Many sorts are useful in masses on lawns and in gardens.

- |      |  |                   |
|------|--|-------------------|
| 3205 | <b>Arundo Donax variegata.</b> H. P. Drooping green and white striped leaves. ....                                       | .05               |
| 3207 | <b>Briza Maxima.</b> H. A. Loosely flowered panicles. ....   | .05               |
| 3208 | <b>Bromus Brizaeformis.</b> H. B. An elegant grass with drooping panicles of spikelets; useful in borders. ....          | .05               |
| 3210 | <b>Coix lachryma</b> (Job's Tears). H. A. 9 ft. Large, broad leaves, large shiny seed. ....                              | .05               |
| 3215 | <b>Erianthus Ravennae.</b> H. P. Large graceful plumes and beautiful variegated foliage. 8 ft. ....                      | .05               |
| 3225 | <b>Eulalia zebrina</b> (Zebra Grass). H. P. Dark green leaves crossed by yellowish white bars. ....                      | .10               |
| 3230 | <b>Gynerium argenteum</b> (Pampas Grass). H. P. Large silvery plumes, requiring slight protection in Winter. 10 ft. .... | .05               |
| 3235 | <b>Hordeum jubatum</b> (Squirrel Tail Grass). H. A. Flowers in bushy panicles. 3 ft. ....                                | .05               |
| 3240 | <b>Pennisetum longistylum.</b> H. A. Graceful drooping heads. Excellent for bouquets. 2 ft. ....                         | .05               |
| 3245 | <b>Pennisetum Rupelianum.</b> H. P. Foliage long and slender, the silvery plumes tinged with violet. 3 ft. ....          | .05               |
| 3250 | <b>Stipa pennata</b> (Feather Grass). H. P. Silvery white, feathery plumes. 2 ft. ....                                   | .05               |
|      | <b>GREVILLEA</b> (Silk Oak). G. P. Fern-like foliage. Fine decorative plant for house or greenhouse. ....                |                   |
| 3260 | <b>robusta.</b> ....   | 1/4 oz. \$0c. .10 |

**Gypsophila.** (Baby's Breath). Graceful plants, with tiny flowers produced in abundance in loose panicles. Excellent for their delicate effect in bouquets. Pkt.

- 3265 **Paniculata fl. pl.** H. P. An exceedingly fine, new double of the purest white, superseding in every respect the original *Gypsophila paniculata*. .....\$0.20
- 3270 **Grandiflora alba.** H. A. Extra large flowers, pure white. ¼ lb. \$1.00, oz. 30c. .10
- 3275 **elegans.** H. A. Pure white tiny flowers. ¼ lb. 75c., oz. 20c. .05
- 3280 **carminea.** New. Bright carmine rose. Bushes grow about 10 inches high; very free flowering. ....¼ oz. 20c. .10
- 3285 **muralis.** H. A. Bright rose. ....¼ oz. 25c. .05
- 3290 **Paniculata.** H. P. Pure white. Plants make fine clumps for garden use. ....¼ oz. 30c. .05

Plants of this variety, see page 143.

**HELENIUM** (Sneezewort). H. P. Very showy herbaceous plant; flowers mostly yellow and similar to the *Rudbeckia*. Plants, see page 162.

- 3295 **Bigelowi.** Yellow. 2 ft. ....¼ oz. \$1.00 .10
- 3300 **autumnale superbum.** Rich yellow. 5 ft. .10
- 3305 **Hoopesii.** Pure orange yellow. Extra early. ....¼ oz. 50c. .15

## New Red Sunflower

The new Red Sunflower is easily grown from seed the same as all of the *Helianthus* family, and usually thrive in any sunny location with ordinary garden soil.

Splendid garden annual, quite showy, of quick, robust growth, while the large blooms make a splendid effect on the long stems; the flowers when cut are excellent for house decoration and of a lasting quality.

Colors are not truly fixed and may produce some yellow blooms, but the larger proportion are of a fine red, tipped yellow. Pkt. 15c.



*Helianthus cucumerifolius*



New Red Sunflower

**Helianthus.** (Sunflower). Tall-growing sorts; fine for background along fences and walls or large borders. Small varieties useful for cutting.

- | No.  | ANNUAL VARIETIES  | Pkt.   |
|------|---|--------|
| 3320 | <b>Californicus fl. pl.</b> Double deep yellow. 5 ft. ....Oz. 25c.  | \$0.05 |
| 3325 | <b>Chrysanthemum-Flowered.</b> Extra large, double flowers, 6 to 10 inches in diameter. 5 ft. ....Oz. 50c.  | .05    |
| 3330 | <b>globosus fistulosus.</b> Large globe-shape flowers, rich saffron color. 7 ft. Oz. 25c.   | .05    |
| 3335 | <b>cucumerfolius</b> (Miniature). Single yellow, black center. ....Oz. 50c.   | .05    |
| 3340 | <b>Circe.</b> Bright yellow, twisted petals...  | .05    |
| 3345 | <b>Purity.</b> Very nearly pure white. 4 ft.  | .05    |
| 3350 | <b>Venus.</b> Yellow, dark center, with golden ring. 4 ft. ....Oz. 75c.   | .05    |
| 3355 | <b>Mammoth Russian.</b> Yellow. Common Sunflower. 6 ft. ....Oz. 10c.  | .05    |
| 3360 | <b>Primrose Queen.</b> Large single, primrose yellow. 5 ft. ....Oz. 50c.  | .05    |
| 3365 | <b>PERENNIAL VARIETIES</b>  |        |
|      | <b>Maximiliana.</b> Clear yellow; several rows of large ray petals and full center, flowering until late in Fall. 6 ft....  | .10    |
| 3370 | <b>mollis.</b> Single light yellow, silvery white foliage. ....¼ oz. 50c.   | .15    |
| 3375 | <b>orgyalis.</b> Light yellow, small flower; long, narrow leaves; height 7 ft....   | .10    |
| 3380 | <b>rigidus.</b> Golden yellow with dark center. 6 ft. ....  | .10    |
| 3395 | <b>HELICHRYSUM</b> (Everlasting). H. A. <b>monstrosum fl. pl.</b> Finest Mixed. One of the best dried flowers for house decoration and will grow in almost any soil. 2 ft. ....¼ oz. 30c. | .05    |
| 3400 | <b>HELIOPSIS Pitcheriana</b> (Orange Sunflower). H. P. Flowers orange yellow, blooming in September. 3 ft. ¼ oz. 35c.   | .10    |

**Heliotrope.** Greenhouse shrub. Excellent for bedding; very fragrant; fine for cutting. Grows well in house. Plants, see page 134.

- |      |   |     |
|------|---|-----|
| 3405 | <b>Finest Mixed.</b> 2 ft. ....¼ oz. 40c.   | .10 |
| 3407 | <b>Mme. de Blonay.</b> An exceptionally fine pure white; a good keeper for bouquets | .15 |
| 3408 | <b>Triomphe de Liege.</b> Delicate light blue.                                      | .15 |
| 3410 | <b>Queen Marguerite.</b> Extra large; deep blue; very fragrant. ....                | .20 |

**HESPERIS matronalis** (Sweet Rocket). H. P. Flower early in the Spring, thriving well in any common soil; very fragrant. 2 to 3 ft.

- |      |   |     |
|------|---|-----|
| 3415 | <b>Finest Mixed.</b> Double. ....Oz. 30c. | .05 |
| 3420 | <b>Pure White.</b> Double. ....Oz. 30c.   | .05 |

**HEUCHERA.** H. P. One of the finest small perennials; flowers are in clusters, small and bell-shaped. 15 in.

- |      |  |     |
|------|--|-----|
| 3425 | <b>gracillima</b> (Coral Bells). Bright pink.. | .15 |
| 3430 | <b>sanguinea.</b> Scarlet. 15 in....¼ oz. 60c. | .10 |

**Hibiscus.** (Mallow). Vigorous-growing plants, producing large, handsome flowers, about six inches across. Very desirable for mixed beds or borders. Pkt. Plants, see page 162.

3435	<b>Africanus.</b> H. A. Yellow. 2 ft... ¼ oz 15c.	\$0.05
3440	<b>Crimson Eye.</b> H. P. Pure white, crimson center. Will flower first season from seed in open ground..... ¼ oz. 35c.	.10
3445	<b>Golden Bowl.</b> Canary yellow, with black center. Annual. July to October. 2 ft. .... ¼ oz. 40c.	.10
3450	<b>militaris.</b> H. A. Rose pink, carmine center. 6 ft. .... ¼ oz. 50c.	.10
3455	<b>Moscheutos albus</b> (Swamp Mallow). H. P. Native swamp Mallow is one of the most useful, flowering freely from July to September. 4 ft.....Oz. 75c.	.10
3460	<b>Moscheutos roseus.</b> H. P. Same type as above. 4 ft. ....Oz. 75c.	.10

## Hollyhocks

H. B. Our strain of seed of this old-time favorite is without doubt unsurpassed. The tall, stately spikes bear immense quantities of blooms of the most brilliant colors, both in the single and double varieties. They succeed best in a rich, well-drained soil, requiring slight protection during the Winter. 6 ft.

Plants of the following varieties, see page 143.



Hollyhock Allegany



Hibiscus Moscheutos albus

### CHOICE SINGLE VARIETIES

No.		Pkt.
3470	<b>White.</b> .... ¼ oz. 50c.	\$0.10
3475	<b>Yellow.</b> .... ¼ oz. 50c.	.10
3480	<b>Bright Rose.</b> .... ¼ oz. 50c.	.10
3485	<b>Delicate Pink.</b> .... ¼ oz. 50c.	.10
3490	<b>Purple.</b> .... ¼ oz. 50c.	.10
3495	<b>Carmine.</b> .... ¼ oz. 50c.	.10
3500	<b>Crimson.</b> .... ¼ oz. 50c.	.10
3505	<b>Black.</b> .... ¼ oz. 50c.	.10
3510	<b>Finest Mixed.</b> .... ¼ oz. 50c.	.10

Collection of eight varieties..... .75

**CHATER'S DOUBLE HOLLYHOCKS.** An exceptionally choice strain of all double flowers, and true to color. Our stock is grown by a specialist of this important family of the flowery kingdom.

3515	<b>"PINK BEAUTY."</b> The outer petals of these gigantic flowers are a brilliant pink, while all the inner frilled petals are of the purest white, the two colors making a beautiful contrast. .... ¼ oz. 75c.	.15
3518	<b>PINK QUEEN.</b> (New). Very delightful salmon pink flowers, very full double. .... ¼ oz. 75c.	.15
3520	<b>Finest Mixed.</b> .... ¼ oz. 50c.	.10
3525	<b>Bright Rose.</b> .... ¼ oz. 50c.	.10
3530	<b>Flesh Color.</b> .... ¼ oz. 50c.	.10
3535	<b>Maroon.</b> .... ¼ oz. 50c.	.10
3540	<b>Red.</b> .... ¼ oz. 50c.	.10
3545	<b>Sulphur Yellow.</b> .... ¼ oz. 50c.	.10
3550	<b>White.</b> .... ¼ oz. 50c.	.10
	Collection of six varieties.....	.50

**Hollyhock, Mammoth Alleghany.** Petals beautifully laced and fringed; very robust habit, and enormous flower, measuring 6 inches across; splendid rich color; both single and semi-double.

3565	<b>Finest Mixed.</b> .... ¼ oz. 50c.	.10
	<b>Hollyhock, Everblooming.</b> H. A. Flowers the first season from seed. Seed should be sown during February or early March to insure flowering during summer months.	
3570	<b>Finest Single Mixed.</b> .... ¼ oz. 30c.	.15
3575	<b>Finest Double Mixed.</b> .... ¼ oz. 50c.	.25

**Honesty.** (*Lunaria biennis*). H. B. Flowers blue and white, and white. The large oval, silvery seed pouches are quite No. ornamental in bouquets. Pkt.

3580 **Finest Mixed.** 2 ft. .... ¼ oz. 20c. \$0.05

**Humulus.** (*Japanese Hop*). H. A. Climber. Of rapid growth. Foliage very dense, similar in shape to the common Hop. Very seldom affected by insects or extreme heat, retaining its foliage until frost. Fine for covering verandas and trellises, attaining a height of 12 ft.

3590 **Japonica.** White. .... Oz. 50c. .05

3595 **Japonica variegata.** Foliage beautifully marbled and splashed silvery white, light and dark green and white. Oz. 50c. .05

**HUNNEMANNIA** (*Giant Tulip Poppy*). H. A. Seed may be sown in May and will flower first season. Foliage is finely cut, similar to California Poppy.

3605 **fumariæfolia.** Golden yellow. ¼ oz. 50c. .10

**HYPERICUM** (*St. John's Wort*). H. P. The single yellow flowers are very showy, growing well in sandy soils and shady locations.

3610 **elegans.** 1 ft. .... .05

**ICE PLANT.** See *Mesembryanthemum crystallinum*.

**IMPATIENS** (*Balsam*). G. P. Excellent pot plants for house or greenhouse; the axillary flowers are borne in profusion and are continually in bloom.

3615 **Holstii.** Vermilion. 1 ft. .... .15

3620 **Holstii Hybrids.** Finest Mixture. 1 ft. .... .15

3625 **Sultani.** Carmine rose. 1 ft. .... .15

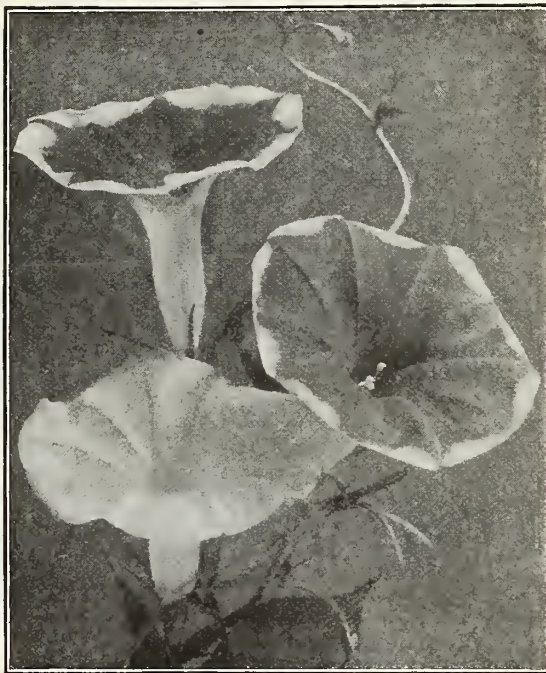
3630 **Sultani hybrida.** Finest Mixed. 1 ft. .... .15

**INCARVILLEA.** H. P. Leaves about two feet long and of pale green color. Gloxinia-like flowers, somewhat divided, borne on long stems; of bright rose color, 2 inches across.

3635 **Delavayi.** 2 to 3 ft. .... ½ oz. 40c. .25



**Humulus Japonicus**



**Japanese Morning Glory**

## Ipomoea (Morning Glory)

One of our most popular annual climbers, and without doubt familiar to most lovers of flowers. Very ornamental for verandas, fences and for covering rockeries. 10 to 15 ft.

- | No.  |   | Pkt. |
|------|---|------|
| 3650 | <b>Purpurea</b> ( <i>Convolvulus major</i> , The common Morning Glory). Showy annual climber, of easiest culture, succeeding well in any ordinary soil, and very satisfactory for covering fences and unsightly places; in many brilliant colors. ¼ lb. 35c., oz. 15c. \$0.05 |      |
| 3655 | <b>Convolvulus minor.</b> Finest Mixed. (Dwarf Morning Glory.) Early-flowering hardy annual, with bright flowers, of very easy cultivation. 2 ft. .... Oz. 25c. .05   |      |
| 3660 | <b>cærulea.</b> Blue. 10 ft. .... Oz. 10c. .05  |      |
| 3665 | <b>Imperialis</b> ( <i>Japanese Morning Glory</i> ). A great improvement over the old-fashioned sorts. Flowers are larger, fringed, and of an unlimited variety of colors. .... Oz. 35c. .10  |      |
| 3670 | <b>Imperialis</b> ( <i>New Day Glory</i> ). An improved Ipomoea, remaining in bloom throughout the day and containing all the variety of colors in the regular Japanese Morning Glory. .... ½ oz. 25c. .15  |      |
| 3675 | <b>Grandiflora alba</b> ( <i>Moonflower</i> ). Large heart-shaped leaves and large, pure white flowers, opening in the evening. 10 ft. Oz. 75c. .10   |      |
| 3680 | <b>rubro-cærulea</b> ( <i>Heavenly Blue</i> ). Beautiful, large, sky-blue flowers. 15 ft. .... .10  |      |
| 3685 | <b>setosa</b> ( <i>Brazilian Morning Glory</i> ). Large, ornamental foliage, with bright rose flowers. Grows very fast and dense. Oz. 75c. .10  |      |
| 3690 | <b>Learl.</b> ( <i>Blue Dawn Flower</i> ). Intense bright blue. .... ¼ oz. \$1.00 .10   |      |

- Iris.** **Kaempferi** (*Japanese Iris*). H. P. Flower of enormous size, flat and comprises some of the most vivid colors, both self and heavily veined.
- 3700 **Finest Mixed.** 3 ft. .... ¼ oz. 35c. .10  
Large size clumps of named varieties, see page 143.

**JACOB'S LADDER.** See *Polemonium*.



*Kochia tricophylla*

**Kochia.** (Summer Cypress, or Mexican Fire-bush.) H. A. Pretty little bushes of pyramidal shape; foliage delicate green, the little tiny, brilliant scarlet flowers completely covering the whole plant. Excellent for hedges along walks in garden.

No.			Pkt.
3705	<i>tricophylla</i> .	3 ft. .... ¼ oz.	20c. \$0.05

3710	<b>KENILWORTH IVY</b> ( <i>Linaria Cymbalaria</i> ).	Tender perennial of trailing habit, bearing small violet flowers. Fine for hanging baskets and rustic designs....	.10
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**LANTANA hybrida.** G. P. Free-flowering plants of shrubby growth; fine house plants; good for mixed beds, blooming all Summer.

3715	<b>Finest Mixed.</b>	3 ft. .... ¼ oz.	25c. .10
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**Larkspur.** H. A. The tall, graceful spikes of the most brilliant colors of blue, scarlet, rose, lilac and white are excellent for cutting. Ornamental in the garden.

**ANNUAL VARIETIES.**

**CANDELABRA, Double.**

3720	<b>Dwarf Finest Mixed.</b>	1 ft..Oz.	75c. \$0.05
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**TALL EMPEROR.**

3725	<b>Double Azure Blue.</b>	2 ft..Oz.	75c. .05
3730	<b>Brilliant Rose.</b>	2 ft.....Oz.	75c. .05
3735	<b>Scarlet.</b>	2 ft.....Oz.	75c. .05
3740	<b>Pure White.</b>	2 ft.....Oz.	75c. .05
3745	<b>Finest Mixed.</b>	2 ft.....Oz.	75c. .05

**GIANT HYACINTH-FLOWERED.**

3750	<b>Pure White.</b>	2 ft.....Oz.	75c. .05
3755	<b>Shell Pink.</b>	2 ft.....Oz.	75c. .05
3760	<b>Salmon Rose.</b>	2 ft.....Oz.	75c. .05
3765	<b>Brilliant Scarlet.</b>	2 ft.....Oz.	75c. .05
3770	<b>Deep Rose.</b>	2 ft.....Oz.	75c. .05
3775	<b>Light Azure Blue.</b>	2 ft.....Oz.	75c. .05
3780	<b>Dark Blue.</b>	2 ft.....Oz.	75c. .05
3785	<b>Finest Mixed.</b>	2 ft.....Oz.	75c. .05

3790	<b>TALL ROCKET.</b>		
	<b>Double Finest Mixed.</b>	3 ft. Oz.	50c. .05

**PERENNIAL VARIETIES.** See Delphinium.

**Lathyrus. latifolius** (Perennial Pea). H. P. Large clusters of red, white or pink flowers, resembling the Sweet Pea. Fine for covering walls, stumps, trellises and for ledgy places.

No.	Plants, see page 144.	Pkt.
3800	<b>White.</b> .....Oz.	75c. \$0.10
3805	<b>Rose.</b> .....Oz.	\$1.00 .10
3810	<b>Scarlet.</b> .....Oz.	60c. .10
3815	<b>Finest Mixed.</b> .....Oz.	60c. .10

## Lavatera Splendens

### SUNSET

The Lavatera is one of the best of the beautiful varieties of Mallow, and is of particularly easy culture. Lavatera should be more generally grown both for its graceful habits and its excellent cutting qualities. This new variety which adds another distinct color to the varieties now used, has proved very satisfactory.

The color is a very deep rose pink of charming brightness. The habit of the plant is greatly improved, being more compact and attaining a height of 2½ feet.

Very effective when used as cut flowers, and is especially valuable on account of its lasting qualities. It is also greatly admired as a bedding plant.

Pkt. 20c.

Other varieties, see page 83.



*Lavatera splendens*, Sunset

- Lavatera.** H. A. Large, glabrous leaves, quite ornamental. The Malva-like flowers borne on terminal racemes two to four inches across. Pkt.
- 3820 **trimestris rosea.** Pink 2 to 6 ft. .... Oz. 40c. \$0.05
- 3825 **trimestris alba.** White. 3 to 6 ft. .... Oz. 40c. .05
- 3830 **arborea variegata.** Very ornamental for the garden or as a pot plant, with large, handsomely variegated foliage. 4 ft. .... ¼ oz. 35c. .10
- LAVENDEER.** H. P. Flowers borne on long, cylindrical spikes of rich violet color.
- 3835 **English Sweet.** 1½ ft. .... ¼ oz. 20c. .05
- LEPTOSIPHON.** H. A. Beautiful in flower and foliage, and a profuse bloomer from June to frost; excellent for beds, borders, baskets, etc. 1 ft.
- 3840 **French Hybrids. .Finest Mixed.** .... ¼ oz. 35c. .05
- LEPTOSYNE.** Free-flowering hardy annual, with large, single yellow Coreopsis-like flowers on long stems; fine for cut flowers. August to October.
- 3845 **maritima.** 2 ft. .... ¼ oz. 50c. .10
- LIATRIS** (Blazing Star). H. P. Flowers produced in wand-like spikes or racemes. Grouped in masses, they give the best effects. Thrives best in a poor soil.
- 3850 **spicata.** Rosy-lilac. 3 ft. .... ½ oz. 25c. .10
- LINUM** (Flax). Flowers are borne on terminal racemes or cymes; though short-lived keep continually blooming. Plants of both annual and perennial of easy culture.
- 3855 **flavus.** H. P. Golden yellow. 1 ft. .... ¼ oz. 75c. .10
- 3860 **perenne.** H. P. Blue. 1½ ft. .... Oz. 50c. .10
- 3865 **grandiflorum rubrum.** H. A. Scarlet. 1 ft. Oz. 40c. .05



Lobelia, hybrida Sapphire

## Lobelia, HYBRIDA SAPPHIRE

The increasing demand for new varieties of plants that will succeed well in window and piazza boxes, and which are useful as trailers for hanging baskets and vases, must naturally attract attention to such useful and ornamental species as the Lobelia.

The accompanying illustration represents a new and novel addition to this interesting family.

The blossoms of the Lobelia Sapphire are of extra size, usually measuring ¾ inch across, and are very thickly set on the long, graceful sprays of foliage; these sprays often attain a length of two feet. The flower in color is of a deep sapphire blue (from whence it derives its name) and in addition the large and well defined white eye, which occupies about one-third of the corolla, makes a very pleasing contrast and is quite effective.

The seed, if sown in September, should commence to bloom about April in the greenhouse, and if sown during January the plants should flower during the latter part of May or June and continue till late Autumn.

Pkt. 25c.

**Lobelia.** H. H. A. One of the commonest of the half-hardy annuals, used extensively for edgings, urns and baskets. Plants require rich soil and plenty of water. Flowers should be kept cut back to allow flowering until frost. Pkt.

Plants see page 134.

- 3880 **Crystal Palace compacta.** Deep blue. Fine for carpet bedding and edging. 4 in. .... ¼ oz. 50c. \$0.10
- 3883 **speciosa** (Crystal Palace Variety). Deep ultramarine blue, dark foliage, trailing... ¼ oz. 40c. .10
- 3885 **Erinus gracilis.** Deep blue, trailing. 1 ft. ¼ oz. 40c. .10
- 3888 **Light Blue.** Emperor William. Very compact, light sky-blue; extra fine... ½ oz. 25c. .10
- 3890 **Erinus albus.** White. 1 ft. .... ¼ oz. 50c. .10
- 3895 **cardinalis** (Cardinal Flower.) H. P. Intense scarlet. 3 ft. .... 1-16 oz. 75c. .10



Lupin, Pink Beauty

**Lupinus.** (*Lupinus*.) Annual varieties. H. A. Showy plants with handsome, conspicuous flowers, borne in terminal racemes, somewhat resembling the Sweet Pea. Used extensively for bedding.

No.	ANNUAL VARIETIES	Pkt.
3910	<b>Finest Mixed.</b> 3 ft. ....	Oz. 35c.\$0.05
3915	<b>Pink Beauty.</b> Salmon pink, exceptionally fine for forcing or garden use. Oz. 50c.	.10
3920	<b>Salmon King.</b> Dwarf; salmon pink. Oz. 50c.	.10
3925	<b>Snow-drop.</b> Pure white. ....	Oz. 50c. .10
3930	<b>Rising Sun.</b> Giant pink; tall, showy. Oz. 50c.	.10
3935	<b>North Pole.</b> Yellow and blue. ....	Oz. 50c. .10
3940	<b>Harlequin.</b> Bright scarlet, white tip. Oz. 50c.	.10
3945	<b>Azure Queen.</b> Celestial-blue. ....	Oz. 50c. .10
3950	<b>hybridus roseus.</b> Bright pink. ....	Oz. 60c. .10
3955	<b>subcarneus.</b> Deep blue. 3 ft. ....	Oz. 50c. .05
3960	<b>sulphureus superbus.</b> Yellow. 3 ft. ....	.10

No.	PERENNIAL VARIETIES	Pkt.
3965	<b>polyphyllus.</b> Blue. 3 ft. ....	Oz. 30c. .05
3968	<b>Rose.</b> ....	¼ oz. 40c. .10
3970	<b>White.</b> 3 ft. ....	Oz. 40c. .05
3980	<b>Douglasii.</b> <b>Finest Mixed.</b> Various shades of pink, purple, blue and white. If sown early will flower the same year. ¼ oz. 30c.	.15
3983	<b>Moerheimi.</b> (New.) Blooms nearly all Summer, color rose and white, rather dwarf habit. ....	¼ oz. 75c. .15
3985	<b>Perennial Finest Mixed.</b> ....	Oz. 35c. .05

**Lychnis.** H. P. One of the finest herbaceous perennials, perfectly hardy and very ornamental. Flowers of great brilliancy. **Plants,** see page 144.

3988	<b>Arkwrightii.</b> (New.) A cross between <i>L. Chalcedonica</i> and <i>Haageana</i> ; rich, effective colors. 2 to 3 ft. ....	.25
3990	<b>Chalcedonica</b> (Maltese Cross). Intense scarlet. 2 ft. ....	¼ oz. 15c. .05
3995	<b>Flos-cuculi</b> (Cuckoo Flower). Deep red, 2 ft. ....	½ oz. 50c. .10
4000	<b>Haageana hybrida.</b> Large heads in colors of white, pink, yellow and crimson. 2 ft. ....	½ oz. 50c. .10
4005	<b>Viscaria splendens.</b> Brilliant deep red; double. 18 in. ....	½ oz. 20c. .05
4010	<b>Lagascæ rosea.</b> Forms little bushes with pretty foliage and conspicuous bright rose flowers, which yield continuously from May until the end of June. ....	.25

**LYTHRUM.** H. P. Immense spikes of bright rose-colored flowers, thriving well in moist places.

4015	<b>roseum superbum.</b> 4 ft. ....	¼ oz. 25c. .05
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**Plants,** see page 144.



Four O'Clock, Marvel of Peru—see page 85



Marigold, Mammoth African

**Malope.** H. A. Showy, Mallow-like flowers, requiring a good soil and open situation; quite hardy and may be sown in the open in April or May.

No.	the open in April or May.	Pkt.
4020	<b>grandiflora rosea.</b> Rose pink. 3 ft. ....	Oz. 35c.\$0.05
4025	<b>grandiflora alba.</b> White. 3ft. ....	Oz. 35c. .05
4030	<b>grandiflora rubra.</b> Red. 3 ft. ....	Oz. 35c. .05

**Malva.** H. P. Large showy flowers, thriving well in almost any soil, and blooming all Summer.

4040	<b>Alcea</b> (Hollyhock Mallow). Deep pink. 3 ft. ....	.05
4050	<b>moschata</b> (Musk Mallow). Rose pink. Will bloom first season from seed. 3 ft. ....	¼ oz. 35c. .10
4060	<b>moschata alba.</b> White. 3 ft. ....	¼ oz. 35c. .10
4070	<b>MATHIOLA bicornis</b> (Evening Scented Stock). H. A. Purplish lilac flowers on long, strong spikes; very fragrant in the evening. 1 ft. Oz. 50c., ¼ oz. 15c.	.05

## MARIGOLD (TAGETIS)

Old-fashioned flowers, rich and showy, blooming continually all Summer; excellent for bouquets and a beautiful garden plant. Tall African varieties best for garden and cutting, while French varieties are fine for edging. Annual. **Plants,** see page 134.

<b>MAMMOTH AFRICAN, Double.</b>		
4100	<b>Finest Mixed.</b> 3 ft. ....	¼ oz. 20c.\$0.05
4105	<b>Lemon.</b> Double. 3 ft. ....	¼ oz. 20c. .05
<b>AFRICAN QUILLED, Double.</b>		
4110	<b>Orange.</b> Double. 3 ft. ....	¼ oz. 20c. .05
4120	<b>Finest Mixed.</b> 3 ft. ....	Oz. 75c. .05
4125	<b>Lemon.</b> Double. 3 ft. ....	Oz. 75c. .05
4130	<b>Orange.</b> Double. 3 ft. ....	Oz. 75c. .05
4135	<b>FRENCH, Tall Double.</b> <b>Finest Mixed.</b> 3 ft. ....	¼ oz. 15c. .05
<b>FRENCH, Dwarf Double.</b>		
4140	<b>Finest Mixed.</b> 2 ft. ....	¼ oz. 15c. .05
4145	<b>Striped.</b> 2 ft. ....	¼ oz. 20c. .05
4150	<b>Sulphur Yellow.</b> 8 in. ....	¼ oz. 25c. .05
4155	<b>Brown.</b> 8 in. ....	¼ oz. 15c. .05
<b>SINGLE VARIETIES</b>		
4165	<b>Sulphur Yellow, Brown Spots.</b> 8 in. Oz. 50c.	.05
4170	<b>Golden Yellow.</b> 8 in. ....	Oz. 50c. .05
4175	<b>Legion of Honor. Little Brownie.</b> Large single, golden yellow with purple blotch. 1 ft. ....	¼ oz. 15c. .05
4180	<b>Signata pumila</b> (Miniature Golden Yellow). Very dwarf; compact; density of bloom all Summer. Excellent for borders. ....	¼ oz. 25c. .05

**Marvel of Peru.** (Four O'Clock). H. A. Large, showy, fragrant flowers, blooming the entire season. Succeeds well in any ordinary garden soil; flowers are usually crimson-yellow and purple, requiring a sunny location. Fine for beds or borders. Pkt.  
No. 4200 **Finest Mixed.** ..... ¼ lb. 75c., oz. 20c. \$0.05

**MATRICARIA** (Feverfew). H. H. P. Should be treated as an annual. Seed should be sown early in hothouse and transplanted in the open after danger from frost is over. Flowers borne on long, delicate stems.  
4205 **grandiflora fl. pl.** Pure white. Double.. ½ oz. 25c. .05  
4210 **exima** (Golden Ball). Double yellow.. ½ oz. 40c. .10

**MAURANDYA.** G. P. Twining vine, especially adapted to hanging basket and window boxes. A delicate vine which succeeds well in house during Winter months. 3 ft.  
4215 **Finest Mixed.** ..... ¼ oz. 50c. .10

**MESEMBRYANTHEMUM.**  
4220 **crystallinum** (Ice Plant). H. A. Grown for its peculiar leaves, which are covered with small watery pustules, and glisten like ice. Flowers white. 1 ft. ¼ oz. 25c. .05  
4225 **tricolor.** Succeeding well in hot sandy soil; leaves thick and fleshy; flowers very brilliant and embrace all shades of orange, crimson, pink and white. ¼ oz. 25c. .05

**Mignonette.** This popular annual is grown extensively for borders and edging, and is also used for forcing in greenhouses. Flowers are inconspicuous, borne on terminal spikes, very fragrant and excellent for cutting. Seed may be sown indoors in March or in the open the latter part of May. For Winter flowering sow in August and seedlings will be ready for potting in September.  
Plants, see page 134.

4250 **FOTTLER'S ECLIPSE.** Very fragrant variety, producing in great profusion enormous spikes 10 to 15 inches long; superior to all other sorts for Winter growing, exhibition or cutting. Seed from under glass..... ¼ oz. \$3.00 .25  
4255 **Mammoth Fragrant.** Of robust and vigorous habit; immense spikes; very fragrant. 2 ft. .... Oz. \$3.50 .15  
4260 **Giant Defiance.** Spikes, when well grown in greenhouse, average 10 to 15 in. Oz. 75c. .10  
4265 **Goliath.** Large spikes of bright red flowers; excellent fragrance.. ¼ oz. 50c. .10  
4270 **Sweet Scented** (Reseda odorata grandiflora). Old-fashioned border variety. Lb. \$1.50, ¼ lb. 50c., oz. 20c. .05  
4275 **Giant Crimson.** 18 in. .... ¼ oz. 25c. .05  
4280 **Improved Machet.** Immense spikes of reddish green flowers; very fragrant. ¼ oz. 30c. .10  
4285 **Golden Machet.** Large spike.. ¼ oz. 35c. .10  
4285 **White Pearl.** Excellent spikes; whitest flowers. .... ¼ oz. 30c. .10

**MIMOSA** (Sensitive Plant). H. H. A. Flowers globular, oblong, purplish color. Easily grown from seed. When touched leaflets close.  
4290 **pudica.** 18 in. .... ½ oz. 25c. .10  
4295 **MIMULUS** (Musk Plant). G. A. **moschatus.** Pale yellow flowers, lightly dotted and splashed with brown. ¾ inch across. 6 in. .... 1-16 oz. 35c. .10

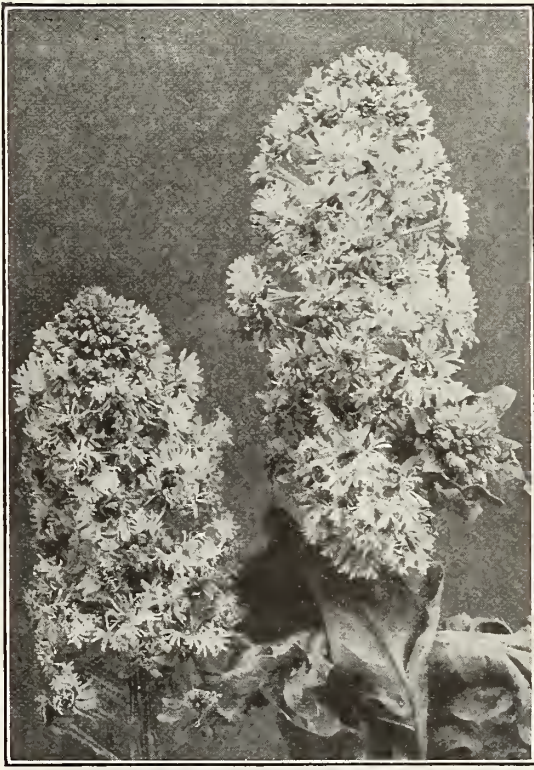
**MINA.** H. A. Charming free-flowering herbaceous climbers; a genus of Morning Glory. 18 to 20 ft.  
4305 **Lobata.** Vivid red buds, turning to creamy white when open... ¼ oz. 35c. .10  
4310 **Sanguinea.** Brilliant blood-red... Oz. 50c. .05

**Momordica.** H. A. Handsome tendrill climbers, bearing odd-shaped fruit.  
4315 **Balsamina** (Balsam Apple).... ¼ oz. 20c. .05  
4320 **Charantia** (Balsam Pear)..... ¼ oz. 20c. .05

**MONARDA** (Bee Balm). H. P. Large heads of wide-mouthed flowers, brilliant and effective. Moist, dark locations are most suitable; will thrive in less moist and sunny borders. Pkt.  
No. 4325 **didyma.** 2 ft. .... \$0.15  
Plants, page 144.

**MORNING GLORY.** See *Ipomœa purpurea*.  
**MOURNING BRIDE.** See *Scabiosa*.

**MUSA** (Abyssinian Banana). Large broad leaves, light green; easily grown from seed. Ornamental for vases, urns, and large beds.  
4330 **Ensete.** ..... 100 seeds \$2.00 .15  
**MUSK PLANT.** See *Mimulus*, *Moschatus*.



Mignonette, Fottler's Eclipse

**Myosotis.** (Forget-Me-Not). H. H. P. Small, star-like flowers, borne on terminal racemes. Excellent for borders and flowering extremely early. Seed should be sown in August and young plants wintered in coldframes. Pkt.

No. 4340 **Finest Mixed.** 8 in. .... ¼ oz. 30. .05  
4345 **RUTH FISCHER.** The largest and finest Forget-Me-Not; flowers measure from ¾ to 1½ inch across and are of a lovely sky-blue; of great value for forcing, pot culture or Spring bedding..... .15  
4350 **grandiflora robusta** (Eliza Fonrobert). Large, bright blue flowers.. ¼ oz. 30c. .10  
4355 **alpestris rosea.** Large pink flowers.... .10  
4360 **BLUE PERFECTION.** Beautiful dwarf. Indigo blue, very compact.. ¼ oz. \$1.00 .15  
4365 **alba.** Large white flowers... ¼ oz. 30c. .10  
4370 **indigo.** Large deep blue..... ¼ oz. 40c. .10  
4375 **VICTORIA.** Bright blue; dwarf, compact habit. Excellent for borders and baskets. 6 in. .... ¼ oz. 50c. .10  
4380 **dissitiflora.** Extra large, rich blue flowers. Fine for pot plants... ¼ oz. 75c. .15  
4385 **palustris semperflorens.** Excellent bright blue, flowering very early and continuing until Autumn. 6 in..... ½ oz. 50c. .10

# NASTURTIIUM (TROPAEOLUM)

One of the best known and popular annual climbers. Flowers are borne in great profusion the whole season, lasting until frosty weather. Very useful for porch coverings, also for hiding old fences. Excellent for trailing over stone heaps or rockeries. The Nasturtium has been greatly improved in the past few years in size, as well as in colors and markings.

## Tall Climbing or Running Varieties

No.	Attain a height of from 10 to 12 feet. Pkt.
4400	<b>Blue Ribbon Mixture</b> The quality of this mixture is not to be excelled by any, every precaution being taken to have nothing but the best and largest flowering varieties used and the finest assortment of colors obtainable, particularly free flowering, and the true climbing species. Lb. \$1.50, ¼ lb. 50c., oz. 20c. \$0.10
4410	<b>FINEST ENGLISH MIXED.</b> An imported mixture, containing a large assortment of rich and brilliant colors. Lb. \$1.00, ¼ lb. 30c., oz. 10c. .05
4415	<b>TALL ONYX MIXTURE.</b> Silvery variegated foliage, hardly two leaves alike. Flowers assorted colors. .... ¼ lb. 75c., oz. 25c. .10
4420	<b>Von Moltke.</b> Blush rose. .... Oz. 15c. .05
4425	<b>Edward Otto.</b> Brownish lilac. .... Oz. 15c. .05
4430	<b>Dark Crimson.</b> .... Oz. 15c. .05
4435	<b>King Theodore.</b> Deep maroon with dark foliage. .... Oz. 15c. .05
4440	<b>Light Yellow.</b> .... Oz. 15c. .05
4445	<b>Dunnett's Orange.</b> .... Oz. 15c. .05
4450	<b>Pearl.</b> White. .... Oz. 15c. .05
4455	<b>Vesuvius.</b> Salmon rose, dark foliage. .... Oz. 15c. .05
4460	<b>Scarlet.</b> .... Oz. 15c. .05
4465	<b>Prince Henry.</b> Yellow, marbled scarlet. .... Oz. 15c. .05
4470	<b>Scheuerianum.</b> Straw color, spotted. .... Oz. 15c. .05
4475	<b>Scheuerianum coccineum.</b> Striped scarlet. .... Oz. 15c. .05
	<b>Collection of twelve above listed varieties.</b> ..... 50
	<b>Collection of six, any of the above varieties.</b> ..... 25

## Dwarf or Bedding Varieties

Usually growing to a height from 12 to 18 inches.

4500	<b>Blue Ribbon Mixture</b> A superior mixture of the choicest named varieties, suitable for the finest bedding and fine for rockeries. These we mix from our separate named varieties which cannot be surpassed for brilliancy of color. .... Lb. \$1.50, ¼ lb. 50c., oz. 20c. .10
4510	<b>FINEST ENGLISH MIXED.</b> A superb mixture of English grown seed, comprising a large variety of most brilliant colors. Lb. \$1.00, ¼ lb. 30c., oz. 10c. .05
4515	<b>DWARF ONYX MIXTURE.</b> Silvery variegated. Assorted colors. .... ¼ lb. 75c., oz. 25c. .10
4520	<b>Aurora.</b> Chrome yellow. .... Oz. 15c. .05
4525	<b>Beauty.</b> Yellow, spotted scarlet. .... Oz. 15c. .05
4530	<b>Bronze.</b> Distinct. .... Oz. 15c. .05
4535	<b>Chameleon.</b> Yellow, flaked red. Oz. 15c. .05
4540	<b>Crystal Palace compacta.</b> Buff, spotted maroon. .... Oz. 15c. .05
4545	<b>Dark Crimson.</b> .... Oz. 15c. .05
4550	<b>Empress of India.</b> Deep crimson. .... Oz. 15c. .05
4555	<b>Golden Queen.</b> Golden yellow, yellow foliage. .... Oz. 15c. .05
4560	<b>King of Tom Thumb.</b> Bright scarlet. .... Oz. 15c. .05
4565	<b>King Theodore.</b> Black brown. .... Oz. 15c. .05
4570	<b>Lady Bird.</b> Crimson, yellow spots. .... Oz. 15c. .05
4580	<b>Pearl.</b> White. .... Oz. 15c. .05
4585	<b>Rose.</b> Pink. .... Oz. 15c. .05
4590	<b>Scarlet.</b> .... Oz. 15c. .05
4595	<b>Yellow.</b> .... Oz. 15c. .05
	<b>Collection of twelve of any of above listed varieties.</b> ..... 50
	<b>Collection of six of any of above listed varieties.</b> ..... 25



Nasturtium

## Lobbianum Varieties (LOBB'S NASTURTIIUM)

**Tallest Climbing Variety.** This type of Nasturtium is much superior to ordinary varieties, usually attaining a greater height; very strong growing, producing larger flower stems and particularly free flowering. Colors are produced in the greatest brilliancy; foliage being of a deep green color. Undoubtedly the best type for growing in greenhouse.

No.		Lb. \$2.00, ¼ lb. 60c., oz. 20c.	Pkt. \$0.05
4700	<b>Choicest Mixture</b>		
4705	<b>Asa Gray.</b> Creamy white	.....Oz. 20c.	.05
4710	<b>Cardinale.</b> Dark cardinal red	.....Oz. 25c.	.10
4715	<b>Duc de Vincennes.</b> Pale lemon yellow	.....	.10
4720	<b>Golden Queen.</b>	.....Oz. 25c.	.10
4725	<b>Geant des Batailles.</b> Sulphur yellow, carmine	.....Oz. 25c.	.10
4730	<b>Lucifer.</b> Dark scarlet	.....Oz. 25c.	.10
4735	<b>Caroline Schmidt.</b> Scarlet	.....Oz. 25c.	.10
4740	<b>Regina.</b> Salmon	.....Oz. 25c.	.10
4745	<b>Roi des Noirs.</b> Blackish maroon	.....Oz. 25c.	.10
4750	<b>Spitfire.</b> Bright scarlet	.....Oz. 25c.	.10
	<b>Collection of six of any of above listed varieties.</b>		.50



Nigella, Miss Jekyll

**Nigella.** (Love-in-a-Mist, or Devil-in-the-Bush). H. A. Plants bear very showy flowers, with the foliage finely cut, which surrounds the flower. Pkt.

- 4850 **Damascena.** Double blue. 2 ft...Oz. 40c. \$0.05  
4855 **Miss Jekyll.** Double; bright blue; excellent for cutting. The choicest variety known. ....Oz. 75c. .10

**NIEREMBERGIA.** H. H. P. Graceful plants, blooming profusely the whole Summer; fine for vases, baskets; also used in moist borders or in rockeries.

- 4860 **frutescens.** White and blue... $\frac{1}{4}$  oz. 25c. .10  
4863 **gracilis.** White and purple... $\frac{1}{2}$  oz. 25c. .10

**Oenothera.** (Evening Primrose Sun-drops). H. P. Suitable for margins of shrubbery and perennial borders, with large clusters of showy, fragrant flowers.

Plants, see page 144.

- 4864 **CALIFORNIA** (Rubricalyx). Differs from all other Evening Primroses of this group in having striking dark red buds, which contrast beautifully with the bright yellow petals. The whole top of the stem is also red, giving the plant a remarkably ornate appearance. It is a large plant, three to four feet high, and blooms all Summer, producing hundreds of large flowers three and a half inches in diameter. Every botanist speaks of it as the most beautiful of all the Evening Primroses. The garnet buds and golden petals are the same shades which artists prefer to use as a setting for portraits. .... .20  
4865 **Fraseri.** Large; bright yellow. 18 in... $\frac{1}{4}$  oz. 75c. .10  
4870 **Lamarckiana.** Extra large; yellow. 3 to 4 in. in diameter... $\frac{1}{4}$  oz. 15c. .05  
4875 **Speciosa rosea.** Rustic plants, about 18 inches high, with bushy stems of a dull green; small foliage, which completely disappears under an unlimited quantity of pretty, sweet-scented, pink flowers. .... .25  
4880 **Missouriensis.** (Macrocarpa.) Dwarf; yellow. 1 ft... $\frac{1}{4}$  oz. 20c. .10  
4885 **Youngii.** Rich golden yellow..... .10  
4890 **PEONY.** Chinese. Finest Double Mixed. H. P. Extremely large heads of rose-flowered blossoms, 6 inches in diameter. 2 $\frac{1}{2}$  ft. ....Oz. \$1.25 .15  
Root clumps, see pages 145.

**Nemesia.** H. A. A fine little plant for small beds. Leaves are whorled. Well suited for sunny beds or rockeries. Seed may be sown indoors in March or outside in May in ordinary garden soil. Pkt.

- 4800 **strumosa Suttoni.** Terminal racemes of white and purplish tinted flowers. 18 in. ....1-16 oz. 75c. \$0.15  
4805 **compacta, Blue Gem.** Free-flowering and excellent for beds or borders; very effective Forget Me Not blue color... 1-16 oz. 75c. .15  
4810 **Fire King.** Vivid scarlet-crimson. A most beautiful color..... .15

**NEMOPHILA** (California Bluebell). H. A. Requires moist locations, partially shaded; small, cup-shaped flowers of many bright colors.

- 4820 **Finest Mixed.** 1 ft..... $\frac{1}{4}$  oz. 15c. .05  
4825 **insignis.** Blue. 1 ft..... $\frac{1}{4}$  oz. 15c. .05

**Nicotiana.** (Tobacco Plant). H. A. Flowers borne in clusters, long, tube-shaped, opening toward evening and emitting a powerful and pleasant odor. Succeeds best in sunny beds or borders.

- 4830 **Afinis.** White. 3 ft..... $\frac{1}{4}$  oz. 20c. .05  
4835 **colossea.** Excellent foliage plant with leaves 2 ft. long and 1 ft. wide, having a reddish tint. 5 ft...1-32 oz. \$2.00 .15  
4840 **Sanderæ.** Finest Mixed. Flowers of a brilliant carmine-red, attaining a height of 3 ft.; blooms all Summer..  $\frac{1}{4}$  oz. 35c. .10  
4845 **syvestris.** Plants of pyramidal growth; large glaucous leaves; flowers pure white, in large drooping clusters.....  $\frac{1}{4}$  oz. 35c. .05



Oenothera, Evening Primrose

## PANSIES

Our strains of this popular flower are imported from the most experienced foreign growers and are unsurpassed for size and form, beautiful markings, brilliancy of colors and shadings. Seed sown in May will flower during late Summer and Autumn. For early Spring flowering, sow in August and protect the young plants either in coldframes or with straw or boughs. Soil best suited should be light, well fertilized and requiring plenty of moisture.

No. **Triumph Exhibition Mixture** Pkt.  
5000

A superb mixture, especially desirable for its variety of colors and markings, beauty of form and fine texture....

Oz. \$10.00, ¼ oz. \$1.75 \$0.25

5003 **Bath's Empress.** An extra choice selection of the various markings and shades. .... .25

5005 **Bugnot's Giant Blotched.** Flowers very large and of extremely rich colors.... Oz. \$6.00, ¼ oz. \$1.50, ⅛ oz. 75c. .25

5010 **Cassier's Giant Odier. Finest Mixed.** An extra fine strain, producing large flowers of rich velvety colors.. ¼ oz. \$1.50 .25

5013 **COLOSSEA VENOSA.** (New.) Light; veined shades, large round flowers... ¼ oz. 60c. .15

5015 **English Show. Finest Mixed.** A select strain of the largest flowering varieties. ....Oz. \$6.00, ¼ oz. 75c. .20

5020 **BOSTON FLORISTS' MIXTURE.** A splendid mixture, containing flowers of the highest, purest and most perfect type, with clearly marked designs and exquisite colors. ....Oz. \$6.00, ¼ oz. \$1.75 .25

5023 **ORCHIDÆFLORA** (Orchid, or Cattleya-flowered). A superb mixture of light colors, rare shades and extra large flowers. .... ¼ oz. \$1.00 .15

5025 **Emperor Frederick.** Large, rich deep purple, with golden bronze center, scarlet and yellow margin..... Oz. \$4.00, ¼ oz. 75c. .20

5030 **Fairy Queen.** Extra large; azure blue and white edge...Oz. \$3.50, ¼ oz. \$1.00 .15

5035 **Golden Margined.** Purple, golden edge.. .10

5040 **MADAME PERRET** (Phenomenal). Wine red and crimson shades; very large blooms. ....Oz. \$5.00, ¼ oz. \$1.50 .25

5043 **Mahogany Colored.** Splendid shade.... ¼ oz. 60c. .10

5045 **MASTERPIECE.** Giant Ruffled. Flowers very large, strong growing, robust plants. Most valuable colors; petals are beautifully waved and ruffled.... Oz. \$5.00, ¼ oz. \$1.50. .15

5050 **Meteor.** Bright terra cotta....Oz. \$2.00 .10

5055 **President Carnot.** Pure white, five deep violet blotches. ....Oz. \$5.00, ¼ oz. 75c. .10

5060 **Prince Henry.** Very rich dark blue; extra large. ....Oz. \$3.00, ¼ oz. 50c. .15

5065 **CHOICE MIXTURE.** An imported mixture of finest type, including a large variety of richest colors..... Oz. \$2.50, ¼ oz. 75c. .10

5070 **Finest Mixed.** Including the richest and finest colors. ....Oz. \$1.00, ¼ oz. 30c. .05

**GIANT TRIMARDEAU VARIETIES.**

5080 **Finest Mixed.** ....Oz. \$2.00, ¼ oz. 60c. .10

5085 **Adonis.** Light blue spotted..... Oz. \$2.50, ¼ oz. 75c. .10

5090 **Bridesmaid.** Rosy white, dark center. Oz. \$5.00, ¼ oz. \$1.25 .25

5093 **Emperor Franz Joseph** (New). White with large violet spots... ¼ oz. \$1.00 .10

5095 **Emperor William.** Ultramarine Blue... Oz. \$2.50, ¼ oz. 75c. .10

5100 **Fire King.** Golden yellow, upper petals crimson. ....Oz. \$3.00, ¼ oz. \$1.00 .10

5103 **Freja (Silver-edged).** Deep purple, white edged. .... ¼ oz. 75c. .10

5105 **Golden Queen.** Rich pure yellow..... Oz. \$4.00, ¼ oz. \$1.25 .10

5110 **Golden Yellow.** Dark eye..... Oz. \$2.50, ¼ oz. 75c. .10

5115 **King of the Blacks.** Oz. \$2.50, ¼ oz. 75c. .10

5120 **Lord Beaconsfield.** Violet, shading to white. ....Oz. \$2.50, ¼ oz. 75c. .10

5123 **Peacock.** Reddish steel blue, delicate white edge. .... ¼ oz. \$1.25 .10



Giant Pansy

No. **Prince Bismarck.** Brown and golden Pkt.  
5125

bronze marbled. An exceptionally fine variety. ....Oz. \$3.00, ¼ oz. \$1.00 \$0.10

5130 **Ruby Red.** ....Oz. \$5.00, ¼ oz. \$1.50 .20

5135 **Snow Queen.** Giant, pure white..... Oz. \$2.50, ¼ oz. 75c. .10

5145 **White, Dark Eye....**Oz. \$2.50, ¼ oz. 75c. .10

**TUFTED PANSY** (*Viola Cornuta*). Very free-blooming hardy plants, especially adapted for shady places. Flowers are not so large as in the other varieties of Pansies, but are produced in much greater numbers and are of great diversity of colors.

5150 **Finest Mixed.** ..... ¼ oz. 50c. .10

5155 **Grandiflora lutea.** Yellow..... ¼ oz. 40c. .10

5160 **Rosea.** Pink. .... ¼ oz. \$1.00 .25

5165 **Blue Perfection.** Light Blue.. ¼ oz. 75c. .10

5170 **Admiration.** Dark blue.. .... ¼ oz. 50c. .10

5175 **White Perfection.** Pure white. ¼ oz. 50c. .10

5180 **Mauve Queen.** Mauve..... ¼ oz. 50c. .10

**Pentstemon.** (Beard Tongue). Flowers are borne on long terminal spikes, much resembling Gloxinias. Perennial varieties; will bloom the first season if sown early in March, continuing all Summer. 3 ft.

Plants, page 144.

5200 **WELLS' GRAND DIPLOMA STRAIN.**

An entirely new race, giving the most glorious combinations of colors in scarlet, crimson, pink and white. The plants grow 2½ feet high, with flower-spikes 18 inches long, the individual flowers being 2 inches across..... 1-32 oz. \$1.00 .25

5205 **hybridus grandiflorus.** A superior mixture of the choicest perennial varieties. .... ¼ oz. 50c. .25

5210 **Digitalis.** H. H. P. White, tinted violet. ¼ oz. 20c. .10

5215 **gloxinoides. Finest Mixed.** Annual. Flowers extra large and containing a variety of the richest colors. ¼ oz. 60c. .15

5220 **pulchellus hybridus.** Finest Mixed. Annual. .... ¼ oz. 60c. .15

## PETUNIA

H. A. One of our most popular annuals, of the easiest culture, thriving in almost any soil and frequently seeding itself and coming up the following year. **Plants**, page 134.

No.		Pkt.
5300	<b>California Fringed Ruffled Giants.</b> Enormous flowers, having edges of petals beautifully ruffled and fluted. Of great variety of colors, many being beautifully veined. .... 1000 seeds \$1.25.	\$0.35
5310	<b>Giant of California.</b> The most popular variety for pot culture, having extremely large flowers with beautifully fringed edges and an exquisite variety of rich velvety colors and markings. 18 in. .... 1-16 oz. \$2.50	.25
5313	<b>GIANT WHITE FRINGED.</b> Color a glistening satiny texture, with yellow throat. Unrivalled for beauty of texture and size. ....	.25
5315	<b>Large-Flowered. Finest Mixed.</b> Flowers of very choice colors, large size and free blooming. .... Oz. \$2.00	.10
5320	<b>Finest Mixed.</b> 18 in. .... Oz. 75c.	.05
5325	<b>Inimitable Striped and Blotched.</b> Large, handsome flowers, beautifully striped and spotted ..... ¼ oz. 40c.	.10
5330	<b>Dwarf Inimitable</b> (Nana compacta multiflora). Excellent for pot culture and of dwarf habit. 6 in. .... ¼ oz. \$1.00	.15
5332	<b>SNOWBALL.</b> The best pure white bedding Petunia; fine compact sort, blooming until frost. .... ½ oz. 40c.	.10
5333	<b>ROSY MORN.</b> Bright rosy pink, white throat, free flowering, very compact. ½ oz. 50c.	.10
5335	<b>HOWARD'S STAR.</b> Dark crimson, with white star in center ..... ½ oz. 75c.	.10
5353	<b>GRANDIFLORA PERFECTION.</b> A new strain; very floriferous; flowers deeply fringed and choice assortment of colorings. ....	.25
<b>BEDDING VARIETIES.</b>		
5355	<b>Single White.</b> 18 in. .... Oz. \$1.00, ¼ oz. 35c.	.05
5360	<b>Dark Red.</b> 18 in. .... Oz. 1.00, ¼ oz. 35c.	.05
5365	<b>Rose.</b> 18 in. .... Oz. 1.00, ¼ oz. 35c.	.05



Petunia, Fringed Ruffled/Giants

## Double Flowering Varieties

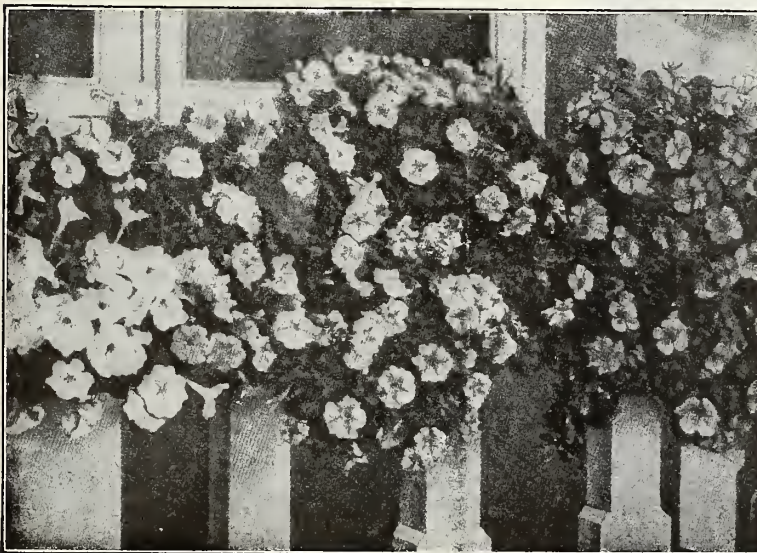
No.		Pkt.
5370	<b>GIANT PERFECTION HYBRIDS.</b> A superb mixture of the finest double Petunias in existence, producing at least 70 per cent. of perfectly double flowers, in colors of pink, snowy white, violet, lavender, mauve, crimson and variegations in all these shades; measuring from 3 to 5 inches across. ....	\$0.50
5375	<b>Choicest Mixed.</b> Comprising a large variety of colors. ....	.25
5376	<b>Heliotrope.</b> Double fringed with delicate mauve and heliotrope colorings. .... 500 seeds \$3.00	.50
5377	<b>Snowball.</b> Beautiful double fringed; extraordinary pure white. .... 500 seeds \$3.00	.50
5378	<b>Rosea.</b> Beautiful double fringed pink, and pink and white mottled. .... 500 seeds \$3.00	.50
5379	<b>Kermesina.</b> Rich deep crimson, black veinings. .... 500 seeds \$3.00	.50

## Balcony Petunia

Very few annuals have come into general favor so rapidly as the Karlsruhe Town Hall Petunia. Its luxuriant growth and freely branching habit, with its great profusion and persistence of bloom, make it remarkably well suited for decorating windows, piazza boxes and balconies. We offer the three colors which are most popular.

**Rose—White—Dark Red**  
**Pkt. 25c.**

**PHYSALIS** (Chinese Lantern Plant). Hardy perennial, treated as an annual, fruiting first season from seed. A Japanese variety of the Ground Cherry, with large brilliant red seed-capsules which retain their color for months. Pkt. 5490 **Francheti.** Oz. \$1.00 \$0.10



Balcony Petunia

## Phlox (DRUMMONDII)

This is one of the prettiest annuals and should occupy a prominent place in every garden. It is of easy cultivation, and unequalled for its profusion of bloom, which will continue until frost. The rich and brilliant colors produce an elegant effect in beds or borders. The flowers are also fine for cutting. Plants of annual varieties, page 134; perennial varieties, page 146.

No.	GRANDIFLORA VARIETIES.	Pkt.
5400	Finest Mixed. ....	1/4 oz. 50c. \$0.10
5405	alba. Pure white. ....	1/4 oz. 50c. .10
5410	Bright Rose. ....	1/4 oz. 50c. .10
5415	Brilliant. Bright scarlet. ....	1/4 oz. 50c. .10
5420	Black Warrior. Dark crimson. ....	1/4 oz. 50c. .10
5425	Pink, White Eye. ....	1/4 oz. 50c. .10
5430	Scarlet, White Eye. ....	1/4 oz. 50c. .10
5435	Yellow. ....	1/4 oz. 50c. .10

Collection six separate varieties. .... .50

**CECILY PHLOX.** Large flowering dwarf. Plants only 6 in. high, close and compact.

5440	Finest Mixture. ....	.15
	<b>GRANDIFLORA. Dwarf. 6 in.</b>	
5450	Finest Mixed. ....	1/8 oz. 60c. .10
5455	Fireball Scarlet. ....	1/8 oz. 60c. .10
5460	Salmon Pink. ....	1/8 oz. \$1.00 .15
5465	Pure White. ....	1/8 oz. 60c. .10
5467	Yellow. ....	1/8 oz. 75c. .15

**CUSPIDATA** (Star Phlox). Flowers star-shaped, with long, pointed petals.

5470	Finest Mixed. 18 in. ....	1/4 oz. 35c. .10
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**DECUSSATA** (Tall Perennial Phlox). One of the finest perennials with its extremely large heads of the most magnificent colored flowers, blooming in August and September.

5475	Finest Mixed. ....	1/4 oz. 75c. .10
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**PHYSTEGIA.** H. P. Very pretty, hardy, herbaceous perennial; flowers borne in terminal leafless clusters.

5495	speciosa. Rosy lilac color. ....	.10
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Plants, see page 146.

5500	Virginiana grandiflora alba. New. Pure white. ....	1/4 oz. \$1.00 .10
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**Polemonium.** (Jacob's Ladder). H. P. Well known border plants; flowers mostly blue and white, produced in large terminal heads.

5505	cæruleum grandiflorum. Deep blue. 2 ft. ....	1/4 oz. 25c. .10
5510	cæruleum grandiflorum album. Pure white. 2 ft. ....	1/4 oz. 25c. .10
5515	Richardsoni. Deep blue, extra large flowers. ....	1/4 oz. 50c. .10



Poppy, The Shirley



Physostegia Virginiana grandiflora alba

## Poppy (PAPAVER)

An extensive genus of hardy, or half-hardy annuals or perennial herbs. The flowers are produced in the greatest array of brilliant colors from pure white to the darkest crimson and violet. They should also be sown in the beds or locations where they are to flower, as transplanting does not improve them any.

Plants of the perennial varieties are listed on page 146.

No.	ANNUAL VARIETIES	Pkt.
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5600	Superb English Mixture. Consisting of the choicest varieties of both single and double flowering sorts, producing an endless assortment of the richest, most brilliant and delicate colors. If sown in large bed or tracts will produce a most gorgeous effect. ....	Lb. \$4.00, 1/4 lb. \$1.25, oz. 50c. \$0.10
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**THE SHIRLEY.** Excellent bedding variety, containing the greatest variety of colors, of white, delicate pink, deep crimson and beautifully striped.

5610	Finest Mixed. Varieties. ....	Lb. \$4.00, 1/4 lb. \$1.25, oz. 50c. .05
5615	Salmon-pink, white edge. ....	1/8 oz. 35c. .10
5620	White, salmon-pink edge. ....	1/8 oz. 35c. .10
5625	Deep Apricot. ....	1/8 oz. 35c. .10
5630	Deep Pink. ....	1/8 oz. 35c. .10
5635	Orange-pink, white edge. ....	1/8 oz. 35c. .10
5640	Pure white. ....	1/8 oz. 35c. .10
5645	Scarlet Field Poppy. Brilliant scarlet. 2 ft. ....	1/4 lb. \$1.00, oz. 35c. .05
5648	Black Prince. Brilliant, blackish brown with a violet hue; finely fringed edge. ....	1/8 oz. 40c. .15



Papaver  
Orientale  
Excelsior

ANNUAL POPPIES—Continued			Pkt.
5650	CHAS. DARWIN. Annual Poppy, growing 2 to 2½ feet high and is remarkable for its new color, a rich dark purple, adorned with a black spot at base of petals. .... ¼ oz.	25c.	\$0.15
5655	Danebrog. Scarlet, white blotch. Oz.	25c.	.05
5660	glaucum (Tulip Poppy). Dazzling scarlet. .... Oz.	50c.	.05
5655	Hooker's Single Mixed. 2 ft. .... Oz.	40c.	.05
5670	The Bride. Pure white. .... Oz.	30c.	.05
5673	KING EDWARD. Single, color deep scarlet to crimson, with large black blotch at base of petals. .... ¼ oz.	25c.	.10
5675	Maid of the Mist. Large, single white, fringed. .... Oz.	40c.	.05
5680	Miss Sherwood. Delicate pink. Oz.	50c.	.10
5685	Mephisto. Single deep scarlet, violet spots. .... Oz.	25c.	.05
5690	umbrosum (Caucasian Poppy). Bright scarlet, black spots at base of petals. .... Oz.	30c.	.05
DOUBLE CARNATION-FLOWERED.			
5700	Finest Mixed. .... Oz.	40c.	.05
5705	cardinale. Red. .... Oz.	40c.	.05
5710	Soft Pink. .... Oz.	40c.	.05
5715	White Swan. Pure white. .... Oz.	40c.	.05
5720	Yellow. Pale lemon yellow. .... Oz.	40c.	.05
5725	Black. .... Oz.	40c.	.05
5730	May Campbell. Pure white. .... Oz.	40c.	.05
5735	Mikado. Double white, striped crimson. .... Oz.	40c.	.05
DOUBLE PÆONY-FLOWERED.			
5750	Finest Mixed. 2 ft. .... ¼ lb.	75c., oz.	40c. .05
5755	Pure White. 2 ft. .... Oz.	40c.	.05
5760	Nankeen Yellow. 2 ft. .... Oz.	40c.	.05
5765	Bright Rose. 2 ft. .... Oz.	40c.	.05
5770	Scarlet. 2 ft. .... Oz.	40c.	.05
5775	Cherry Red. 2 ft. .... Oz.	40c.	.05
5780	Black. 2 ft. .... Oz.	40c.	.05
RANUNCULUS-FLOWERED.			
5800	Finest Mixed. Double flowers, with showy, thin crinkly petals. .... Oz.	35c.	.05

Papaver Orientale  
"EXCELSIOR"  
Choicest Hybrids

The Oriental Poppies are always welcome in any perennial bed, or even when grown by themselves. They are probably one of the easiest perennials to grow from seed, and the few fine varieties under cultivation at present all tend to dark shades.

In this choice strain of new hybrids, a great many new shades and colors are represented and are characterized in many of the delicate shades of pink and salmon to deep crimson. These hybrids have been selected from the choicest sorts obtainable from seed.  
Pkt. 20c.

New White Oriental Poppy

Pure Satiny White, Crimson Blotch

Quite a new addition to the ordinary shades usually found in Oriental Poppies. Offered for the first time in 1916 and a variety very readily accepted. It is the most distinct "break" recently made in this valuable hardy Poppy. The color is a pure satiny white with a bold crimson blotch at the base of each petal.

As most hybrids are liable to vary somewhat, this one is perhaps no exception and though it may have a tendency to do so, the greater portion may be expected to come true.

Pkt. 25c.

PERENNIAL POPPIES.

No.	ALPINUM. An early flowering dwarf variety, blooming from May to September. Pkt.	
5810	Finest Mixed. 1 ft. ....	\$0.10
	NUDICAULE (Iceland Poppy.) 1 ft.	
5820	Storrie's Excelsior Strain. This mixture contains many new and beautiful colors, including coral-pink, coral-rose, orange-pink, salmon-pink, rose-salmon, pale lemon, blush, etc. ....	.15
5830	Finest Mixed. .... ¼ oz.	40c. .05
5835	Yellow. .... ¼ oz.	50c. .10
5840	alba. White. .... ¼ oz.	50c. .10
5845	Scarlet. .... ¼ oz.	50c. .10
5850	Orange Scarlet. .... ¼ oz.	60c. .10
	ORIENTALIS (Oriental Poppy). 3 ft.	
5900	orientale. Bright scarlet, black spots at base of petals. .... ¼ oz.	50c. .10
5905	Blush Queen. Delicate pink. .... ½ oz.	50c. .10
5910	Parkmanni. Deep scarlet. .... ½ oz.	50c. .10
5915	Fire King. Brilliant scarlet; very large. .... ½ oz.	50c. .15
5918	Mrs. Perry. Orange apricot; very fine. .... ½ oz.	50c. .10
5920	Trilby. Delicate salmon pink. .... ½ oz.	75c. .15
5925	Beauty of Livermore. Beautiful deep red. .... ½ oz.	60c. .15
5930	Salmon Queen. .... ½ oz.	60c. .10

PORTULACA

H. A. A very free flowering plant; excellent for borders and rockeries and frequently used for bedding. Seed sown in May will bloom during July, and a continuous display of flowers will be had until frost.

No.		Pkt.
6000	Finest Single Mixed. 6 in. .... ¼ lb.	\$1.50, oz. 60c. \$0.05
6005	Pure White. 6 in. .... Oz.	60c. .05
6010	Golden Yellow. 6 in. .... Oz.	60c. .05
6015	Delicate Rose. 6 in. .... Oz.	60c. .05
6020	Scarlet. 6 in. .... Oz.	60c. .05
6025	Crimson. 6 in. .... Oz.	60c. .05
6030	Light Yellow. 6 in. .... Oz.	60c. .05
6035	Finest Double Mixed. 6 in. .... Oz.	\$3.75, ¼ oz. \$1.00 .10

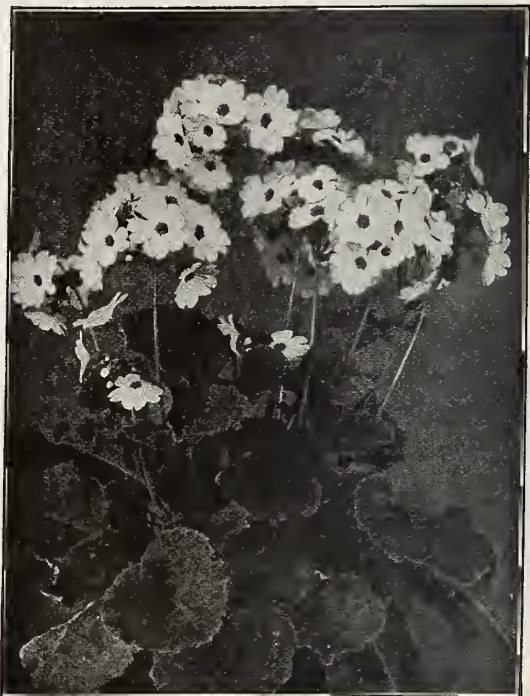
**Primula.** Exceedingly fine, free flowering plants for both bedding and greenhouse use, producing clusters of brilliant colored flowers indoors from November to May; hardy varieties continually in bloom.

**SINENSIS (Chinese Primrose). Gold Medal Strain.** This remarkable strain of Primrose is specially grown for us by an expert of long experience. Plants are sturdy, robust; large clusters of immense flowers, beautifully fringed, brilliant colors, on long, erect stems well above the foliage.

No.		Pkt.
6050	<b>Finest Mixed.</b> Giant flowering.....	\$0.50
6055	<b>Giant Salmon Pink.</b> .....	.50
6060	<b>Giant White.</b> .....	.50
6065	<b>Giant Brilliant Pink.</b> .....	.50
6070	<b>Giant Deep Blue.</b> .....	.50
6075	<b>Giant Crimson.</b> .....	.50
6080	<b>Crimson King.</b> .....	.50
6085	<b>Double Fringed.</b> Finest Mixed Splendid strain of large flowers in brilliant colors. .... Crop failed	
6090	<b>Kewensis.</b> Large, golden yellow flowers; fine foliage and very ornamental. 18 in. ....	.50
	<b>Stellata.</b> Star-like flowers, borne in clusters, producing a large variety of colors; plants are very graceful and fine for Winter flowering.	
6095	<b>Finest Mixed.</b> .....	.50
	<b>OBCONICA GRANDIFLORA. Selected Strain.</b> An improved type of Obconica, flowers large, borne in immense clusters, making one of the finest house plants.	
6100	<b>Finest Mixed.</b> .....	.25
6105	<b>alba.</b> Pure white. ....	.25
6110	<b>Kermesina.</b> Deep crimson. ....	.25
6115	<b>rosea.</b> Rose pink. ....	.25
6120	<b>lilacina.</b> Lavender. ....	.25
6140	<b>Forbesii</b> (Baby Primrose). Delicate sprays of small lavender flowers. ....	.15
6143	<b>auricula</b> (English Hybrids). <b>Finest Mixed.</b> Large flowers borne in umbels, with a fine assortment of colors. ....	.25
6145	<b>officinalis</b> (English Cowslip). Bright yellow. ....	.10
6150	<b>acaulis</b> (English Yellow Primrose). H. P. Yellow. ....	.10



Single Portulaca



No.		Pkt.
6155	<b>acaulis caerulea</b> (English Blue Primrose). H. P. Deep blue. ....	\$0.25
6160	<b>acaulis.</b> Finest English Mixed. H. P. ....	.10
6165	<b>Polyantha.</b> Finest Mixed. H. P. ....	.25
6170	<b>Gold Laced.</b> Fine yellow-edged sorts. ....	.10

**Pyrethrum.** (Golden foliage varieties).

6175	<b>aureum</b> (Golden Feather). H. H. P. Fine little plant for bordering and edging beds, contrasting very nicely with its bright yellow foliage. 6 in. ....	.05
6180	<b>aureum selaginoides.</b> Very fine Fern-like foliage of golden yellow. 6 in. ....	.05

**PERENNIAL VARIETIES.**

**ROSEUM HYBRIDUM GRANDIFLORUM**

Very showy flowers of easy cultivation; valuable for cutting. The Daisy-like blossoms borne in great abundance and a variety of colors.

6185	<b>Double Finest Mixed.</b> 18 in. ....	\$3.00
6190	<b>Finest Single Mixed.</b> ....	.10

6195	<b>RHODANTHE Manglesii</b> (Everlasting). Brilliant rose. Fine for outside border, or for greenhouse flowering during the Winter. ....	.05
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**Ricinus.** (Castor-Oil Bean). Half-hardy annuals with ornamental foliage, making fine center plants for large beds of Cannas; also used along fences.

6200	<b>Finest Mixed.</b> ....	.05
6205	<b>Borboniensis arboreus.</b> Tall, large, shining, purplish green foliage. 15 ft. ....	.05
6210	<b>Cambodgensis.</b> Compact habit, dark reddish purple foliage; stalks of shiny ebony color. 6 ft. ....	.05
6215	<b>Gibsonii</b> (Duchess of Edinburgh). Large, dark red leaves of metallic luster. 5 ft. ....	.05
6220	<b>Sanguineus.</b> Tall, with reddish stalks, reddish purple foliage. 10 ft. ....	.05
6225	<b>Zanzibarensis. Finest Mixed.</b> Extra large, strong grower, green and red foliage. 15 ft. ....	.05

**RUDBECKIA** (Cone-Flower).

6230	<b>amplexicaulis.</b> H. A. Large, bright yellow, very ornamental. 3 ft. ....	.05
6235	<b>bicolor superba.</b> H. A. Golden yellow, black center. 3 ft. ....	.10
6240	<b>Neumanni.</b> H. P. Large golden yellow, velvety maroon center. 3 ft. ....	.10
6245	<b>purpurea.</b> H. P. Very ornamental with reddish purple flowers. 3 ft. ....	.10

**Salpiglossis.** H. H. A. The funnel-shaped flowers are borne on long, slender stems, in the rich velvety shades of yellow, crimson and purple, which are beautifully penciled and veined; blooms very freely, July to October.

Plants, see page 134.

No.	EMPEROR.	Pkt.
6250	Chamois. 2 ft. ....	1/4 oz. 75c. \$0.10
6255	Velvety Violet. 2 ft. ....	1/4 oz. 75c. .10
6260	Dark Scarlet. 2 ft. ....	1/4 oz. 75c. .10
6265	Purple Brown with Gold. 2 ft. ....	1/4 oz. 75c. .10
6270	Rose. 2 ft. ....	1/4 oz. 75c. .10
6280	Yellow. 2 ft. ....	1/4 oz. 75c. .10
6285	Light Blue with Gold. 2 ft. ....	1/4 oz. 75c. .10
6290	Finest Mixed. 2 ft. ....	1/4 oz. 75c. .10
	Collection of six separate varieties. ....	.50

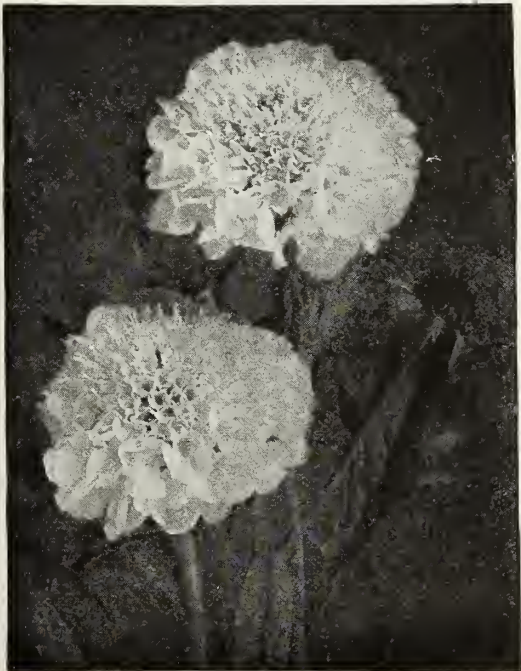
**GRANDIFLORA.** Large fine varieties.

6300	Finest Mixed. 2 ft. ....	1/4 oz. 50c. .05
6305	White. 2 ft. ....	1/4 oz. 50c. .05
6310	Brown. 2 ft. ....	1/4 oz. 50c. .05
6315	Scarlet. 2 ft. ....	1/4 oz. 50c. .05
6320	Crimson. 2 ft. ....	1/4 oz. 50c. .05
6325	Sulphur Yellow. 2 ft. ....	1/4 oz. 50c. .05
6330	Rose Pink. 2 ft. ....	1/4 oz. 50c. .05
	Collection of six separate varieties. ....	.25

**Salvia.** H. H. P. One of the most beautiful and showy of our Summer and Autumn flowering plants, with its long spikes of brilliant scarlet flowers. Excellent for bedding and for bordering large Canna beds; also used for annual hedges along walks and driveways.

Plants, see page 134.

6400	<b>ZURICH.</b> One of the best of recent introduction; dwarf, compact habit producing long, thick spikes of brilliant scarlet flowers blooming in July. 18 in. ....	1/4 oz. 75c. .20
6405	<b>Splendens</b> (Scarlet Sage). The largest and finest bedding variety, producing a great profusion of bloom from August until frost. 3 ft. ....	Oz. \$2.50, 1/4 oz. 40c. .10
6410	<b>OSTRICH PLUME.</b> Plants resemble that of <i>Salvia Splendens</i> . Plumages of the brightest scarlet. ....	.25
6415	<b>Bonfire</b> ( <i>Splendens compacta</i> ). Beautiful dwarf variety, producing long spikes of rich scarlet flowers; very free blooming. ....	Oz. \$3.00, 1/4 oz. 50c. .15



*Scabiosa grandiflora alba*



*Salpiglossis Emperor*

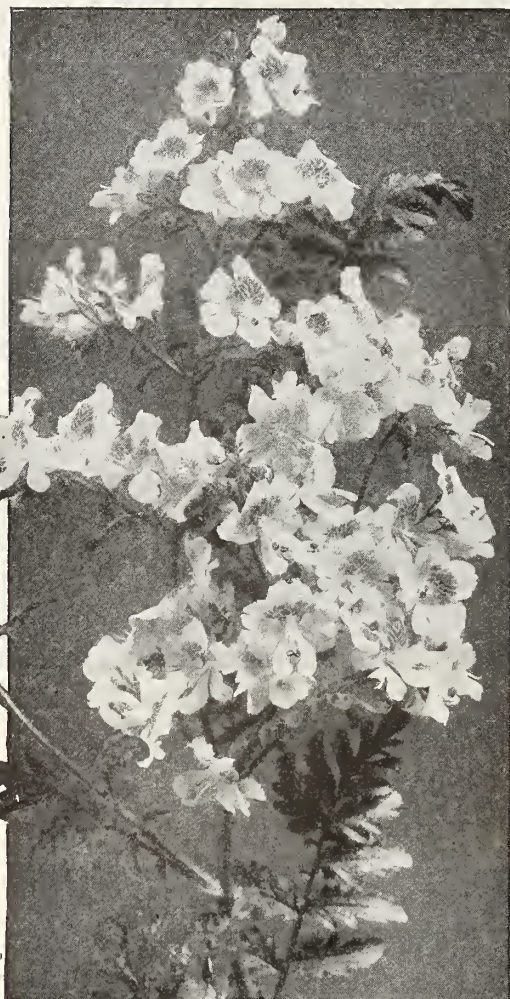
No.		Pkt.
6420	<b>King of Carpets.</b> Grows to the height of 16 to 18 inches and has a round shape; blooms early in the season, and covers itself completely with long, bright red ears. ....	1/4 oz. 75c. \$0.15
6425	<b>pyramidalis.</b> Differing from all other varieties by its pyramidal pillar-like growth; the flowers are large and of the most intense scarlet. ....	.20
6430	<b>farinacea.</b> Bright light blue, long bloomer. 3 ft. ....	Oz. \$1.75, 1/4 oz. 30c. .10
6435	<b>Patens.</b> Intense bright blue, extra large velvety flowers. ....	1/4 oz. \$1.50 .25
	<b>SAPONARIA</b> (Soapwort: Bouncing Bet). H. A. Fine dwarf trailing plant suitable for rockwork, borders or small beds, quite hardy and not particular as to soil or situation.	
6440	<b>Finest Mixed.</b> Annual sorts. 1 ft. ....	Oz. 30c. .05
6445	<b>Ocymoides splendens.</b> Handsome trailer, with brilliant red flowers. Hardy perennial. ....	Oz. 50c. .05
6450	<b>vaccaria.</b> Beautiful pink; fine for cutting. ....	Oz. 50c., 1/4 oz. 20c. .10
6455	<b>alba.</b> (New.) Pure white. ....	1/4 oz. 30c. .10
	<b>Scabiosa.</b> (Mourning Bride). H. A. Fine free-blooming plants for mixed borders and excellent for cutting. Flowers borne on long erect stems, in globular heads in colors of nearly white to dark purple maroon. Height 2 to 2 1/2 ft.	
	Plants, see page 134.	

**GRANDIFLORA.**

6460	<b>Finest Mixed.</b> ....	1/4 oz. 25c. .05
6465	<b>Azure Fairy.</b> Delicate lavender. ....	1/4 oz. 25c. .10
6470	<b>Fiery Red.</b> ....	1/4 oz. 25c. .05
6475	<b>Pompadour.</b> Purple and white. ....	1/4 oz. 75c. .05
6480	<b>King of the Blacks.</b> Velvety black purple. ....	1/4 oz. 25c. .05
6485	<b>Sulphur Yellow.</b> ....	1/4 oz. 25c. .05
6490	<b>Flesh Color.</b> ....	1/4 oz. 25c. .05
6495	<b>Pure White.</b> ....	1/4 oz. 25c. .05
	Collection of six separate varieties. ....	.25

**HARDY PERENNIAL VARIETIES.**

6505	<b>Caucasica.</b> Flowers large, pale lilac, blooming all Summer and about 3 inches in diameter. 2 ft. ....	1/4 oz. 60c. .10
6510	<b>Caucasica alba.</b> Pure white. ....	1/4 oz. 75c. .15
6515	<b>Japonica.</b> Lavender. Large bushy plants, light green pinnated foliage. ....	1/4 oz. 50c. .25



Schizanthus Wisetonensis

**Schizanthus.** (Butterfly, or Fringe Flower)

H. A. Erect growing for the house or garden. Noted for its wonderful variety of coloring. Of easy culture; its peculiarly shaped and oddly marked flowers fine for cutting.

No.			Pkt.
6525	hybridus grandiflora.	Finest Mixed, 18 in. ....	1/4 oz. 40c. \$0.10
6530	albus.	Pure white. ....	1/4 oz. 20c. .05
6535	rogers.	Pink. ....	1/4 oz. 20c. .05
6540	Wisetonensis.	One of the finest large-flowered sorts, colors ranging from pink with brown center to white, yellow center. Excellent for pot plants. 1-64 oz. 75c. ....	.25
6545	Wisetonensis, Dwarf Hybrids.	An improvement over the tall variety. Only growing 18 inches, very compact, and showing bloom when 6 inches high...	.25
	SCHIZOPETALON.	H. H. A. Producing on slender stems quantities of white almond-scented flowers, which are elegantly cut and fringed at the edges. June to October.	
6550	Walker.	1 ft. ....	Oz. \$1.00 .10
	SEDUM (Stonewort).	H. P. Suitable for rockwork, stone walls, edgings and dry situations; their glaucous foliage and bright flowers invariably attract attention.	
6555	Finest Mixed.	4 in. ....	Oz. \$1.00 .10
	SENSITIVE PLANT.	See Mimosa pudica.	

**SHAMROCK** (*Trifolium minus*). Dainty little house plants; may be had from seed; require a rich, light soil and plenty of moisture. Partial shade is best suited for this novelty.

No.		Pkt.
6565	True Irish. ....	\$0.10

**SILENE (Catchfly).** H. A. Very pretty dwarf plants, used mostly for borders, thriving in almost any common soil and easy of cultivation. 6 in.

6570	pendula.	Dwarf; rose color. ....	Oz. 25c. .05
6575	alba.	Dwarf; white. ....	Oz. 25c. .05

6585	SMILAX ( <i>Myrsiphyllum asparagoides</i> ).	G. P. Used extensively for inside decorations; climbing habit; fine for florists' use. 10 ft. ....	Oz. 50c. .10
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**SOLANUM** (*Jerusalem Cherry*). G. P. Popular for greenhouse or house decoration; compact, bushy; dark green foliage; tiny white flowers. Seed pods bright scarlet.

6590	Capsicastrum.	2 ft. ....	.10
6595	Capsicastrum nanum.	1 ft. ....	.15

**SOLIDAGO** (*Goldenrod*). H. P. Common throughout the United States, with its long, drooping golden yellow flowers. Excellent for masses.

6600	latifolia.	3 ft. ....	.05
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**STATICE** (*Sea Lavender*). H. P. Long panicles of small, light blue flowers, which if dried make nice Winter bouquets.

6605	Gmelini.	2 ft. ....	.10
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**STEVIA.** G. P. The tiny white flowers are produced in long, loose panicles. Fine for cutting.

6610	serrata.	2 ft. ....	Oz. \$1.00 .10
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**SUNFLOWER.** See *Helianthus*.



Stokesia cyanea alba



### STOCK (Gilliflower)

H. A. One of the choicest and most popular of our hardy annuals for garden or greenhouse culture, bearing long spikes of delightfully fragrant flowers and one of the finest for cutting.

**BOSTON FLOWER MARKET (Branching).** A particularly large flowering strain, producing from 85 to 90 per cent. of full, double flowers, in sprays from 10 to 15 inches long. 2ft. Pkt.

No.			
6700	Finest Mixed.	.....	\$0.15
6705	Brilliant Crimson.	.....	.15
6710	Canary Yellow.	.....	.15
6715	Dark Blue.	.....	.15
6720	Dark Blood Red.	.....	.15
6725	Fesh Color.	.....	.15
6730	Peach Blossom (New). Rose Pink, center shading to yellow.	.....	.15
6735	Bright Rose.	.....	.15
6740	Light Blue.	.....	.15
6745	Pure White.	.....	.15

Pkt.

6760 **BOSTON WHITE GLOBE.** Fine florists' strain. Large, double white .... \$0.15

### PRINCE BISMARCK.

Of robust habit, long, vigorous flower stems, very large flowers. Plants 2 to 2½ ft., continue to bloom much longer than other varieties, and produce a large percentage of double flowers.

Pkt.

6770	Pure White.	½ oz. \$1.00	\$0.10
6775	Light Blue.	½ oz. \$1.00	.10
6780	Light Lilac.	½ oz. \$1.00	.10
6785	Canary Yellow.	.....	.10
6787	Rose.	½ oz. \$1.00	.10

### No. NEWPORT BEAUTY.

6795	Finest Mixture.	.....	
6800	Snowflake. Pure White.	.....	
6805	Delicate Light Rose.	.....	} Crop Failure
6810	Light Blue. Extra fine.	.....	
6815	Ruby. Fiery red.	.....	
6820	Salmon. Soft, delicate salmon.	.....	
6825	Sapphire. Sapphire blue.	.....	

### LARGE-FLOWERING, TEN-WEEKS.

Fine for pot plants.

			Pkt.
6840	Finest Mixed.	¼ oz. \$1.00, ½ oz. 60c.	\$0.10
6845	Blood Red.	¼ oz. 1.00, ½ oz. 60c.	.10
6850	Brilliant Rose.	¼ oz. 1.00, ½ oz. 60c.	.10
6855	Canary Yellow.	¼ oz. 1.00, ½ oz. 60c.	.10
6860	Crimson.	¼ oz. 1.00, ½ oz. 60c.	.10
6865	Scarlet.	¼ oz. 1.00, ½ oz. 60c.	.10
6870	Sky Blue.	¼ oz. 1.00, ½ oz. 60c.	.10
6875	Violet.	¼ oz. 1.00, ½ oz. 60c.	.10
6880	Pure White.	¼ oz. 1.00, ½ oz. 60c.	.10

### MAMMOTH COLUMN.

6890	Bright Rose.	¼ oz. \$1.25	.15
6895	Pure White.	¼ oz. 1.25	.15
6900	Light Blue.	¼ oz. 1.25	.15
6905	Crimson.	¼ oz. 1.25	.15
6910	Dark Blue.	¼ oz. 1.25	.15

### MAMMOTH EARLY-FLOWERING TEN-WEEKS (Giants of Nice).

Excellent for Winter forcing and fine for Summer blooming.

6912	Abundance. Fine spikes; carmine rose flowers.	¼ oz. \$1.00	.10
6915	Beauty of Nice. Delicate flesh pink; extra large spikes.	¼ oz. 75c.	.10
6918	Blood Red (Moulin Rouge).	¼ oz. 75c.	.10
6920	Rose of Nice.	¼ oz. 75c.	.10
6925	Blanche Superb. Snow white.	¼ oz. 75c.	.10
6926	Canary Yellow.	¼ oz. 75c.	.10
6927	Casino. Light blue or lavender.	¼ oz. 75c.	.10
6928	Chamois Rose.	¼ oz. 75c.	.10
6935	Queen Alexandra. Rosy lilac.	¼ oz. 75c.	.10
6940	President Roosevelt. Bright silvery delicate lilac, of extraordinary size, with long stems.	.....	.25
6950	<b>STOKESIA cyanea</b> (Cornflower Aster). H. P. Beautiful hardy perennials, with handsome lavender-blue Cornflower-like blossoms. 2 ft.	¼ oz. 60c.	.10
6960	alba. Pure white.	¼ oz. 60c.	.10
6965	<b>SWAINSONA grandiflora alba.</b> G. P. Fine for house or conservatory. Graceful foliage and pure white Sweet-pea-like flowers. 6 ft.	.....	.25

**SWEET ALYSSUM.** See Alyssum.



Stock, Giant Nice

# SWEET PEAS

**Culture.**—Ordinary good garden soil is suitable for Sweet Peas. The ground should be well drained to avoid water lying too long and becoming sour.

Soil prepared as for vegetables produces fair results, but a little more care will repay the planter. It is well to cultivate and prepare the ground in the Fall, supplying at this time a good amount of stable manure and bone meal.

Select for a location in your garden a place open and airy and which receives the sun all day.

Seed should be sown in trenches about 4 inches deep and covered to a depth of 2 inches, still allowing the center of the trench to remain at least 2 inches below the level of the ground, that water may be retained.

In case of dry weather, constant watering is necessary to keep the roots cool.

When the vines are up about 6 inches high, staking with brush or trellis should be attended to at once. One ounce of seed is sufficient to plant 20 feet of drill.

## Australian Early Winter-Flowering Spencers

The following varieties are direct from the **ORIGINATOR** and are his own stock.

**YARRAWA.** (Originator's strain). This world-famous variety was the original Australian Early Flowering Spencer Strain of Sweet Peas, and in its color it is absolutely the best Early Flowering variety yet sent out. It is of the largest size and great substance, it bears three and sometimes four flowers on splendid long stems and is most delicately tinted, the standard being a deep rose-pink and the wings soft blush-pink.

**Pkt. 25c.**

**CONCORD COUNTESS.** A superbly beautiful variety of a most attractive tint of pink—the ideal flower color. The color graduates to a lighter tint at base of standard and wings. The flowers are large, of true Spencer form, and are carried mostly in threes on long stems.

**Pkt. 25c.**

**CONCORD XMAS PINK SHADES.** A Spencer strain of the old Xmas Pink coloring. It contains some slight variations but it produces really superb blooms of very showy coloring; rosy cerise standard, creamy white wings, slightly tinted blush.

**Pkt. 25c.**

**CONCORD CHARM.** The standard is white, tinted or stained very light heliotrope; the wings are a lighter tint, being almost white. A very captivating variety, of the best Spencer form and largest size.

**Pkt. 25c.**

**CONCORD ROSE.** Color is a rich deep glowing rose, of a fine Spencer type. This new sort promises to be one of the finest florist varieties of the Concord strain.

**Pkt. 25c.**

**CONCORD WINSOME** (Cattleya Color). A delightful shade of pink, tinted lavender; a most fascinating color. Blooms are large, nicely waved Spencer form; stems are long and wiry.

**Pkt. 25c.**

**CONCORD MAUVE AND PINK BLEND.** Both the mauve and pink are magnificent blooms of best Spencer form, and as the two colors harmonize beautifully we recommend this "blend" as very desirable in every way.

**Pkt. 25c.**

**CONCORD CREAM AND PINK SHADES.** Many delightful shades will be produced by this mixture, shades which blend most harmoniously and are unsurpassed for decorative purposes. They are all of a high standard of size, form, and substance.

**Pkt. 25c.**

**IMPROVED METEOR.** A semi-Spencer; form similar in color to Scarlet Emperor, being a rich, dark scarlet.

**Pkt. 25c.**

**CONCORD MAUVE SHADES.** Contain a number of exceedingly fine mauve and lavender tints, which have not yet been selected out sufficiently to offer as distinct varieties. They contain tints which cannot be found in any other variety in this section, and the blooms are of the largest size and the best Spencer form.

**Pkt. 25c.**

**CONCORD DELICATA.** In color it is in the young stage very lightly tinged with a sort of rosy heliotrope. As the flower ages this gradually fades, leaving to full flower almost a clear white. A flower of splendid Spencer form.

**Pkt. 25c.**

**CÆRULEA.** A glorious Sweet Pea of the most delightful shades of delicate sky-blue, sometimes a little lighter. The blooms are of good open form, three on a stem. One of the most glorious tints in this Collection.

**Pkt. 25c.**

**WHITE SWAN.** A splendid white Sweet Pea, of largest size, exquisite form and well carried, often four blooms on a stem. Magnificent variety for garden or exhibition.

**Pkt. 25c.**

## American Winter-Flowering Spencer

**YARRAWA.** The color on opening is a rose, changing as the flower develops to a light pink standard, tinted buff, with blush wings; a delightful combination. The blooms are very large, of great substance, and beautifully waved.

**FORDHOOK ROSE** (Burpee). This lovely variety is a charming shade of rosy carmine. The flowers are of largest size and usually borne in three and fours on long stiff stems.

**BLANCHE FERRY SPENCER** (Pink and white).

**LAVENDER PINK.** Very choice, with large bloom.

**MRS. A. A. SKACH** (Bright shell pink). The finest pink for florists.

**MRS. SPABOLIN.** Black seeded sort, clear white.

**MRS. WM. SIM.** Apricot pink.

**PRESIDENT WILSON.** Rose carmine.

**ROSE QUEEN.** Fine shade of pink.

**VENUS.** Standards, slightly blush pink.

**WEDGEWOOD.** Beautiful light blue.

**WHITE ORCHID.** Pure white.

**Pkt. 10c., ½ oz. \$1.00, oz. \$1.75**

## Winter-Flowering Grandiflora Type

**BLANCHE FERRY.** Pink and white.

**BURPEE'S EARLIEST WHITE.** Pure white.

**CHRISTMAS METEOR.** Crimson scarlet.

**CHRISTMAS PINK.** Pink and white.

**EARLIEST OF ALL.** (Reselected). Pink and white.

**FLORENCE DENZER.** Pure white.

**MONT BLANC.** Pure white.

**MRS. ALEX. WALLACE.** True lavender.

**MRS. CHAS. H. TOTTY.** Sky blue or lavender.

**MRS. WILLIAM SIM.** Salmon pink.

**MRS. F. J. DOLANSKY.** Daybreak pink.

**MRS. GEORGE LEWIS.** Pure white.

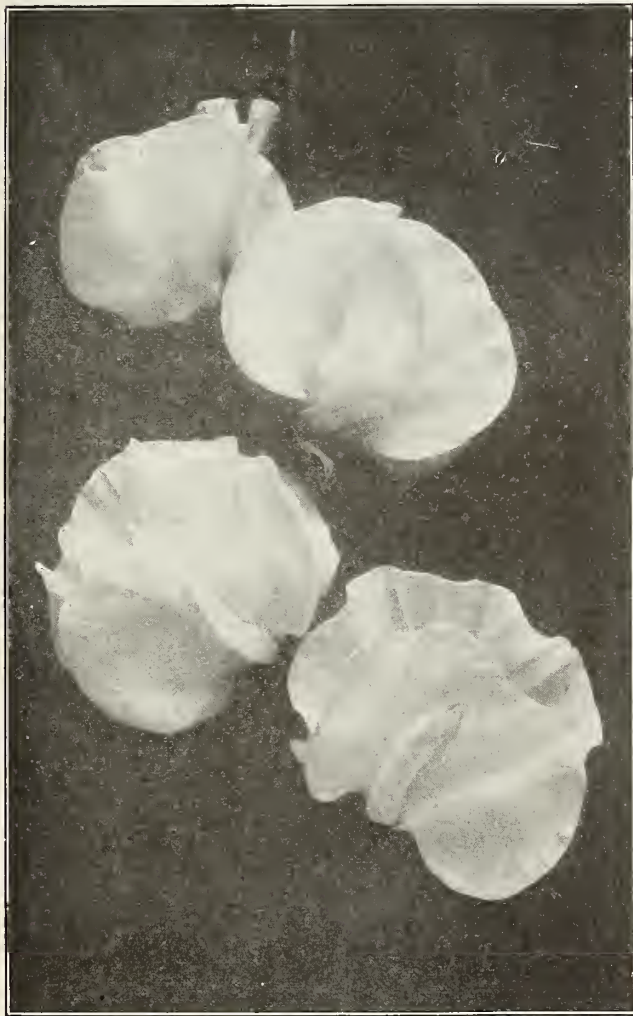
**MRS. W. W. SMALLEY.** Soft pink, shading salmon.

**WATCHUNG.** Pure white.

**Pkt. 5c., oz. 15c., 4 oz. 50c.**

## GIANT SPENCER AND ORCHID-FLOWERING MIXTURE

7175. In offering our Giant Spencer and Orchid-flowering Mixture of Sweet Peas, we are undoubtedly giving the public the choicest assortment of varieties obtainable. We use particular pains in selecting the best and largest-flowering strains, all of the true Spencer and Unwin types, as well as the colors that will blend together, our large assortment of varieties to select from allowing us to secure the best results. The varieties included in this Mixture will produce from three to four flowers on a stem, the blooms being far superior to the original Grandiflora type previously used. beautifully waved and fluted with long stems, varying from 8 to 17 inches in length. **Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.75.**



Sweet Pea Venus

Giant Spencer and  
Orchid-Flowering  
Varieties

7000 **AFTERGLOW.** Bright violet blue, shading to rosy-amethyst; color blending very conspicuous.

**Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.75.**

**AGRICOLA.** A very pleasing shade of lilac-blush; generally four flowers on a stem; of fine Spencer form, and exceedingly large.

**Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.35.**

7001 **AMERICA SPENCER.** Red flaked on white ground.

**Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.**

7002 **APPLE BLOSSOM SPENCER.** Standard rose, wings light carmine.

**Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.**

7004 **ASTA OHN SPENCER.** Delicate lavender, tinted mauve.

**Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.**

7008 **AURORA SPENCER.** Rose flaked white.

**Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.**

7009 **BARBARA.** An excellent sort for exhibition or table decoration; a large salmon-orange self and much superior to Earl Spencer as it retains its original color.

**Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.60.**

7012 **BERTRAND W. DEAL IMPROVED.** Pinkish mauve on primrose ground; inclined to the duplex type.

**Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.**

7014 **BLANCHE FERRY SPENCER.** Pink and white.

**Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.**

7022 **CHARLES FOSTER.** Light pink, lightly tinted magenta, metallic salmon-flush in standards, sometimes described as pastel shades.

**Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.**

**CONSTANCE HINTON.** A black seeded white self of excellent substance and large size; of fine Spencer form with four flowers on a stem. This variety at times shows a decided blush tinge.

**Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.50.**

7025 **CONSTANCE OLIVER.** Delicate shade of pink, suffused cream.

**Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.**

7036 **ELFRIDA PEARSON.** Light pink and blush, with deeper margin, inclined to the duplex type.

**Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.**

7040 **EMPRESS EUGENIE.** Blooms beautifully waved and crimped, of a delicate tone of light gray, flaked with light lavender. Free bloomer with vigorous vines.

**Pkt. 15c., oz. 40c.**

7041 **ETHEL ROOSEVELT.** Soft primrose or straw-colored ground, dainty splashes of bluish crimson.

**Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.**

7045 **FIERY CROSS.** (New.) Having the appearance of live fire, color a scorching fire-red, or scarlet, which glitters in bright sunlight, and a variety absolutely sunproof. The flowers are beautifully waved and fluted, usually three and four on long, stout stems.

**Pkt. 25c., oz. \$1.50.**

7026 **COUNTESS SPENCER.** Bright, clear pink, deeper at the edges; large flowers.

**Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.**

7028 **DECORATOR.** Rose carmine on primrose ground. Rose du Barri of Spencer type.

**Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.**

7029 **DREAM (Irish Belle).** A lovely rich lilac, flushed with pink.

**Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.**

7032 **EARL SPENCER.** Light orange-salmon, with slight metallic tone.

**Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.**

7034 **EDITH TAYLOR.** Soft salmon-rose. Distinct and attractive.

**Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.**



Margaret Atlee

- 7046 **FLORA NORTON SPENCER.** Bright blue, slight purple tint. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 80c.
- 7050 **FLORENCE NIGHTINGALE.** Best soft lavender. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.
- 7052 **FRANK DOLBY.** Beautiful pale lavender. Pkt. 10c., oz. 25c.,  $\frac{1}{4}$  lb. 75c., lb. \$2.50.
- 7054 **GAIETY SPENCER.** White, striped with rosy magenta. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7060 **GLADYS UNWIN.** Clear light pink, almost self-colored, slightly deeper at edges. Pkt. 5c., oz. 15c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.
- 7062 **HELEN LEWIS.** Giant orange pink. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7066 **HERCULES.** A flower of great substance and exquisite size, and beautifully waved. The color is a magnificent, soft rose-pink self. Pkt. 10c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.
- 7070 **ILLUMINATOR.** A very pleasing color; ground of salmon orange with rich bright cerise-pink. Flowers of excellent texture and size. Pkt. 15c., oz. 50c.
- 7072 **KING EDWARD SPENCER.** A rich crimson scarlet, enormous flowers and beautifully waved. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7073 **KING WHITE.** The finest pure white Sweet Pea ever offered. The vines are extremely strong, flowers the largest, of the finest frilled type, while the color is of the purest white, and eclipses all other white Sweet Peas. Pkt. 10c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.25.
- 7074 **LOVELY SPENCER.** Soft shell pink, edges shading to white. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.00.
- MARGARET ATLEE.** A particularly fine variety of the duplex type; flowers of extraordinary size. The color is an exquisite shade of salmon pink perfectly suffused over a cream ground, the shade of pink being quite different from any yet seen. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.
- 7075 **MARGARET MADISON.** Color a clear azure-blue; flowers of good size, delightfully waved. Pkt. 15c., oz. 50c.,  $\frac{1}{4}$  lb. \$1.50.
- 7077 **MARTHA WASHINGTON.** Ground pure white, edges heavily picoteed with deep rose, flowers large and beautifully waved. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7078 **MARY GARDEN.** (Duplex). Soft buff, suffused with salmon pink and apricot. The standards are beautifully waved, wings large and expansive. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.
- 7082 **MRS. A. IRELAND.** Standards bright rose pink, clear creamy base, wings beautiful blush, overlaid rose on exterior. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- MARKS TEY.** An extra large flower and strong growing vine. The standard is a rich rosy-maroon, the wings a bluish mauve. A fine exhibition sort. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.
- 7084 **MRS. CUTHBERTSON.** Standard is a clear rose pink, wings white, slightly flushed light rose. Flowers usually four on very long stems. A beautiful bi-color of gigantic size and Spencer type. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7086 **MRS. HARCATTLE SYKES.** Blush pink, large flower, beautifully waved. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7088 **MRS. HUGH DICKSON.** Light pink on primrose ground; stems long; large, graceful blooms and very free. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7092 **MRS. RUTZAHN.** Apricot, suffused pink. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7096 **MRS. TOWNSEND.** White ground, flakes deep heliotrope. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7097 **MRS. W. J. UNWIN.** Lovely glowing orange scarlet, flaked on a white ground. One of the best varieties. Pkt. 10c., oz. 30c., 4 oz. \$1.00.
- 7100 **NORA UNWIN.** Pure white, extra fine, large and wavy. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. 50c., lb. \$1.50.
- 7102 **NUBIAN.** A variety of great substance, and beautifully waved; color is a clear maroon or deep chocolate. Pkt. 10c., oz. 20c.,  $\frac{1}{4}$  lb. \$1.00.
- 7101 **ORCHID.** One of the finest of the new sorts; the color is a rich deep lavender throughout, standards and wings slightly suffused pink, the true Cattleya color. Plants very vigorous, flowers of exceptional size and a profuse bloomer. Pkt. 15c., oz. 50c.
- 7104 **OTHELLO SPENCER.** Deep glossy maroon. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7124 **PRIMROSE SPENCER.** Finest yellow. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7127 **R. F. FELTON.** Color is a soft, pleasing shade of lavender, suffused rose, wings French gray. Flowers are waved and unusually large, with strong stems. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.35.
- 7128 **ROSABELLE.** Attractive rose-crimson color with a distinct white blotch at the base of the standard and wings; perfect form; very much waved. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7130 **ROYAL PURPLE.** A new shade in Sweet Peas, a rich purple and almost a true royal purple. The same shade does not exist in the grandiflora type. Pkt. 25c., oz. \$1.00.
- 7134 **SENATOR SPENCER.** Ground of light heliotrope, beautifully striped and flaked with deep claret and chocolate. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7135 **SCARLET EMPEROR.** Rich dark scarlet, sun-proof and one of the best of its color. Pkt. 15c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.
- 7137 **STERLING STENT.** A beautifully waved shrimp-pink, deeper than Earl Spencer and superior flower. Pkt. 15c., oz. 35c.,  $\frac{1}{4}$  lb. \$1.00.
- 7144 **TENNANT SPENCER.** Beautiful purple mauve, self-colored. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7146 **THE PRESIDENT.** Wonderfully brilliant and might be termed a glowing scarlet self. The flowers of extremely large size, borne on strong, stiff stems beautifully waved, even when well opened, usually four on a stem. One of the brightest colors, and does not burn. Pkt. 15c.
- 7148 **THOMAS STEVENSON.** True Spencer type, beautiful orange-scarlet, waved flowers, usually four on a stem. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. \$1.00.
- 7149 **VERMILLION BRILLIANT.** A most brilliant iridescent scarlet, with flowers of perfect form and uniform color; standards and wings well waved and fluted. Pkt. 10c., oz. 40c.,  $\frac{1}{4}$  lb. \$1.25.
- 7150 **WEDGEWOOD.** Producing usually four flowers to a stem, of a unique shade of Wedgewood blue, and the finest Spencer form. Pkt. 10c., oz. 50c.
- 7152 **W. T. HUTCHINS.** Light apricot, overlaid with delicate blush pink. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.
- 7154 **WHITE SPENCER.** One of the best pure whites. Pkt. 10c., oz. 30c.,  $\frac{1}{4}$  lb. 85c.



Sweet William, Double Salmon

## SWEET PEAS *Grandiflora* Varieties Blue Ribbon Mixture

7500 We have a galaxy of colors, of incomparable delicacy and richness, from pure white through yellow, orange, salmon, rose, cerise, ruby, red, maroon, light blue, lavender, violet and purple, and also including the striped and variegated. The varieties include both the hooded and open forms, the medium and large flowered, longest stems.  
Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c., lb. \$1.25.

Price of the following named varieties.

- Pkt. 5c., oz. 10c.,  $\frac{1}{4}$  lb. 35c.,  $\frac{1}{2}$  lb. 65c., lb. \$1.25.
- 7515 **Admiration.** Pinkish lavender, light primrose ground.
- 7520 **Apple Blossom.** Standard pink, wings white, shaded pink.
- 7535 **Black Knight.** Very deep maroon.
- 7540 **Blanche Ferry.** (Extra Early.) Carmine rose, wings white, tinted pink.
- 7560 **Captain of the Blues.** Purple, wings bright blue.
- 7575 **Countess of Radnor.** Light mauve standard, lavender wings.
- 7590 **Dainty.** Pure white, edged with light pink.
- 7595 **Dorothy Eckford.** An excellent pure white.
- 7605 **Duke of Westminster.** Clear purple, tinted violet.
- 7630 **Emily Henderson.** Pure white, large size.
- 7675 **Janet Scott.** Clear, deep, but bright pink.
- 7680 **Katherine Tracy.** Standard soft pink, wings a shade lighter. Almost self-colored.
- 7685 **King Edward VII.** Bright red or crimson scarlet, almost self-colored.
- 7690 **Lady Grisel Hamilton.** Standard light mauve, wings lavender; large size.
- 7710 **Lottie Eckford.** White, heavily shaded with lilac, rim of deep blue.
- 7720 **Lovely.** Deep pink, shading to very light pink.
- 7740 **Miss Wilmott.** Orange pink, veins of a deeper orange pink.
- 7765 **Mrs. Joseph Chamberlain.** Rose, striped on white. Extra large and fine form.
- 7770 **Mrs. Walter Wright.** Rose purple, self-colored.
- 7775 **Navy Blue.** Standard indigo and violet, wings indigo shading to navy blue.
- 7780 **Othello.** Very dark maroon, showing veins of almost black.
- 7795 **Prince of Wales.** Rose crimson, self-colored.
- 7805 **Sadie Burpee** (White-seeded). Pure white.
- 7828 **The Hon. Mrs. E. Kenyon.** Light primrose.
- 7835 **White Wonder.** Pure white, double.

**Sweet William.** (*Dianthus barbatus*). H. P. Extensively used in old-fashioned gardens; flowers borne in large clusters of most brilliant colors, and are fine for cutting. An indispensable plant for perennial beds and borders. Seeds if sown in February and March usually flower the same Summer.

- | No.  | Plants, see page 142.   | Pkt.                       |
|------|---|----------------------------|
| 8040 | <b>DOUBLE SALMON.</b> The flowers are of good size, of a rich salmon coloring producing fine clusters of flower heads, and extremely double. Plants make a sturdy and robust growth, with long long flower stems, while the foliage shows a beautiful deep green..... | \$0.20                     |
| 8045 | <b>SCARLET BEAUTY.</b> The color is an intensely rich, deep scarlet, almost identical in color with <i>Euphorbia splendens</i> , and quite different from all other scarlet varieties. The plant has the same habits and growth as <i>Pink Beauty</i> .....           | $\frac{1}{4}$ oz. 40c. .20 |
| 8050 | <b>Finest Single Mixed.</b> 18 in.....  | $\frac{1}{4}$ oz. 15c. .05 |
| 8055 | <b>Auricula-Flowered.</b> Finest mixed. Dark eyes.....  | $\frac{1}{4}$ oz. 20c. .10 |
| 8060 | <b>HOLBORN GLORY.</b> A most magnificent strain with giant flowers and beautiful colors.....  | $\frac{1}{4}$ oz. 30c. .10 |
| 8065 | <b>Dark Crimson.</b> 18 in.....   | $\frac{1}{4}$ oz. 15c. .05 |
| 8070 | <b>Pure White.</b> 18 in.....   | $\frac{1}{4}$ oz. 15c. .05 |
| 8075 | <b>DIADEM.</b> The flowers are deep rich crimson, with a well defined white eye. Quite distinct from all others.....  | $\frac{1}{4}$ oz. 35c. .20 |
| 8080 | <b>PINK BEAUTY.</b> A very robust plant with long wiry stems and large flower heads, color a rich salmon pink.....  | $\frac{1}{4}$ oz. 35c. .10 |
| 8085 | <b>SUTTON'S SCARLET.</b> A grand selection from <i>Pink Beauty</i> ; of vivid color; very striking.....   | $\frac{1}{4}$ oz. 40c. .15 |
| 8090 | <b>Double Finest Mixed.</b> 18 in.....  | $\frac{1}{4}$ oz. 35c. .05 |

**Sweet Clover.** H. B. Cultivated for their fragrant flowers, which

- |      |   |              |
|------|---|--------------|
| 8000 | <b>White.</b> 3 ft. ....                        | Oz. 25c. .05 |
| 8005 | <b>Blue.</b> 2 ft. ....                         | Oz. 25c. .05 |
| 8010 | <b>Yellow</b> ( <i>Suaveolens</i> ). 2 ft. .... | Oz. 25c. .05 |

**SWEET ROCKET.** See *Hesperis*.

**SWEET SULTAN.** See *Centaurea moschata*.

**THALICTRUM** (*Meadow Rue*). H. P.

Forming compact tufts from 12 to 18 inches high; grown mostly for its pretty foliage which resembles Maidenhair Ferns.

- |      |   |     |
|------|---|-----|
| 8095 | <b>adiantifolium.</b> 3 ft. ....  | .10 |
|      | <b>THERMOPHIS.</b> H. P. The yellow flowers in terminal clusters, with palmate, downy clover-like foliage, are suitable for perennial beds. |     |
| 8100 | <b>lupinoides.</b> 4 ft. ....   | .15 |

**Thunbergia.** H. A. Pretty trailing plants, mostly used for window boxes, vases and urns; foliage and flowers produce a striking effect.

- |      |                                       |                                  |
|------|---------------------------------------|----------------------------------|
| 8105 | <b>alata.</b> Yellow, with dark eye.. | 5 ft. $\frac{1}{4}$ oz. 35c. .10 |
| 8110 | <b>alaba.</b> White, with dark eye.   | 5 ft. $\frac{1}{4}$ oz. 35c. .10 |

**TORENIA.** H. H. A. Plants upright growing, of branching and graceful habit, with profusion of brilliant flowers.

- |      |   |           |
|------|---|-----------|
| 8115 | <b>Bailoni.</b> Deep yellow and maroon.   | 1 ft. .10 |
| 8120 | <b>Fournieri grandiflora.</b> Bright blue, 1 ft.  | .10       |
|      | <b>TRITOMA</b> ( <i>Red-Hot Poker Plant</i> , or <i>Flame Flower</i> ). H. P. Magnificent, large spikes of orange-red flowers, attaining a height of 4 ft. effective in single clumps or among shrubbery. Plants, see page 147. |           |
| 8125 | <b>Uvaria grandiflora.</b> Orange and scarlet   | .10       |

**Tropaeolum.** (*Canary Bird Vine*). Rapid climber, of easy cultivation, flowering continually all Summer; flowers of a bright canary yellow.

- |      |   |                            |
|------|---|----------------------------|
| 8145 | <b>Canariensis.</b> ....  | Oz. 50c. .05               |
|      | <b>VALERIAN.</b> H. P. Fine border plants with long spikes of fragrant flowers, suitable for cutting. |                            |
| 8150 | <b>Finest Mixed.</b> ....   | $\frac{1}{4}$ oz. 15c. .05 |

Plants, see page 147.

## VERBENA

H. H. P. One of the finest bedding plants and also suitable for borders, with its heads of brilliant colored flowers, producing one mass of bloom throughout the Summer. Seeds may be sown in March or April indoors and planted out when weather permits; succeeding well in any good garden soil.

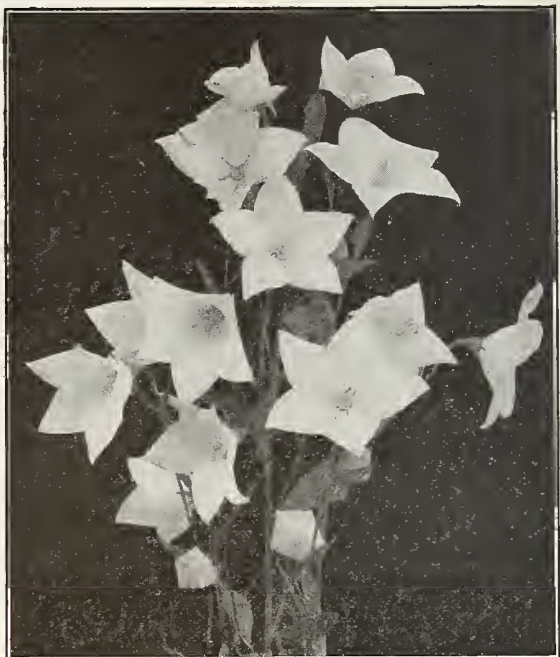
Plants, see page 134.

- No. Pkt.  
8195 **HELEN WILLMOTT.** This variety of Verbena is undoubtedly the handsomest under cultivation, and is unequalled for bedding. It is a true grandiflora type; since its introduction a few years ago it has not had a rival. The plants are particularly strong, bearing a heavy deep green foliage, with flower heads of monstrous size. The color is a beautiful bright salmon rose, with a pure white eye. ....\$0.20  
**BOSTON MAMMOTH.** An excellent strain, producing immense flowers. Plants of vigorous growth and a great variety of color. Seeds sown in March produce fine plants for setting out in early Summer, or sown in the open during May and June.  
8200 **Finest Mixed** ....Oz. \$2.00, ¼ oz. 60c. .10  
8203 **Auriculiflora** ....Oz. 2.00, ¼ oz. 60c. .10  
8205 **Pink** ....Oz. 2.00, ¼ oz. 60c. .10  
8210 **White** ....Oz. 2.00, ¼ oz. 60c. .10  
8213 **Lutea. Yellow** ....Oz. 2.00, ¼ oz. 60c. .10  
8215 **Blue** ....Oz. 2.00, ¼ oz. 60c. .10  
8220 **Striped** ....Oz. 2.00, ¼ oz. 60c. .10  
8225 **Scarlet** ....Oz. 2.00, ¼ oz. 60c. .10  
8230 **Fine Mixed** ....Oz. \$1.50 .05

Lemon Verbena. See Aloysia.

**VERONICA** (Speedwell). H. P. Long spikes of brilliant blue flowers, excellent for growing in shady places and requiring plenty of moisture. Plants, see page 147.

- 8235 **longifolia.** Rich blue. 3 ft. ¼ oz. 40c. .05  
8240 **spicata.** Light violet blue. 3 ft. ¼ oz. 35c. .05



Wahlenbergia grandiflora alba

**Vinca.** (Periwinkle). H. A. Of easy cultivation, growing very readily from seed and flowering same season. Plants have dark green foliage and the pink or white single flowers make fine pot plants.

- No. Pkt.  
8245 **Finest Mixed** 1 ft. ¼ oz. 60c. \$0.05  
8250 **Bright Rose** 1 ft. ¼ oz. 60c. .05  
8255 **Pure White** 1 ft. ¼ oz. 50c. .05  
8260 **White with Pink Eye,** 1 ft. ....  
Oz. \$1.25, ¼ oz. 40c. .05

**Vinca.** Trailing, variegated leaf. Plants only. See page 134.

**VIOLA** odorata (Sweet-scented Violet). Well-known favorite, much in demand, on account of its abundant and fragrant blossoms.

- 8265 **Princess of Wales.** Deep Violet .15  
8270 **The Czar.** Large dark blue. .15  
8275 **VIRGINIAN STOCK.** Early flowering; excellent for bedding and flowering effect.  
**Finest Mixed.** ..... ½ oz. 20c. .05

**Wahlenbergia.** (Platycodon). H. P. Large, bell-shaped flowers, similar to the Campanula; fine for perennial borders. Plants, see page 146.

- Grandiflora.**  
8285 **caerulea.** Blue. 3 ft. Oz. \$1.00 .10  
8290 **alba.** White. 3 ft. Oz. \$1.00 .10

**Wallflower.** (Cheiranthus Cheiri). An old-fashioned English flower, greatly esteemed for its fragrance and its free Winter blooming qualities. Parisian varieties flower first season from seed.

- 8300 **Early Parisian.** Light brown. .05  
8305 **Early Parisian.** Blood red. .10  
8310 **Finest Single Mixed.** 18 in. .05  
8315 **Double Branching, Finest Mixed** .10

**WHITLAVIA.** H. A. Fine for small beds or ribbon borders; bell-shaped, flowers produced constantly.

- 8320 **Dark Blue.** 1 ft. .... ¼ oz. 15c. .05  
8325 **alba.** White. 1 ft. .... ¼ oz. 15c. .05

**WILD CUCUMBER.** See Echinocystis lobata, No. 2790.



Verbena, Helen Willmott

GIANT ZINNIAS

One of the most popular and most extensively used of all our hardy annuals. The following list comprises a very choice strain of large variety and of the most brilliant colors. Requires but little attention; will grow in any good garden soil. If sown in gentle heat in March, will flower latter part of June and continue until killed by frost. Plants, see page 134.

Grandiflora Robusta Plenissima  
(Giant Zinnia)

This mammoth strain has produced excellent results to hundreds of customers who have grown it with great success.

The plants are of exceedingly robust habit. The flowers are borne on long, stiff stalks, of a semi-globular form, are mostly very double, and, together with their immense size, produce a very marked effect.

The flowers, as the illustration will indicate, measure from five to six inches across, this being by no means unusual. Zinnias being a very popular flower for bedding and old-fashioned gardens, and also of special value for cutting purposes, these new colors cannot but make a valued addition to our already standard varieties.

Per pkt. 15c.

No.		
8380	Crimson.	Average Height about 3ft.
8382	Flesh Color.	
8384	Golden Yellow.	
8386	Purple.	
8388	Scarlet.	
8390	Sulphur Yellow.	
8392	Violet.	
8394	White.	
8396	Finest Mixed.	



Glant Zinnia grandiflora robusta plenissima



Zinnia, Boston Mammoth

No.				Pkt.
<b>BOSTON MAMMOTH.</b>				
8400	Finest Mixed.	Usually attain a height of 2½ to 3 ft.	Oz. \$1.00, ¼ oz. 30c.	\$0.05
8405	Canary Yellow.		Oz. 1.00, ¼ oz. 30c.	.05
8410	Carmine.		Oz. 1.00, ¼ oz. 30c.	.05
8415	Crimson.		Oz. 1.00, ¼ oz. 30c.	.05
8420	Deep Maroon.		Oz. 1.00, ¼ oz. 30c.	.05
8425	Flesh Color.		Oz. 1.00, ¼ oz. 30c.	.05
8430	Dark Purple.		Oz. 1.00, ¼ oz. 30c.	.05
8435	Rose.		Oz. 1.00, ¼ oz. 30c.	.05
8440	Scarlet.		Oz. 1.00, ¼ oz. 30c.	.05
8445	Striped.		Oz. 1.00, ¼ oz. 30c.	.05
8450	White.		Oz. 1.00, ¼ oz. 30c.	.05
8455	Golden Yellow.		Oz. 1.00, ¼ oz. 30c.	.05
	Collection six varieties.			.25
<b>DOUBLE DWARF, Large Flowering.</b>				
8480	Finest Mixed.	Growing from 12 to 18 inches high	..Oz. \$1.00	.05
8485	Salmon Rose.		..Oz. 1.00	.05
8490	Sulphur Yellow.		..Oz. 1.00	.05
8495	Orange.		..Oz. 1.00	.05
8500	Scarlet.		..Oz. 1.00	.05
8505	Crimson.		..Oz. 1.00	.05
8510	White.		..Oz. 1.00	.05
	Collection six varieties.			.25
<b>CURLED AND CRESTED.</b> A large flowering variety with curiously curled and twisted petals. 2 ft.				
8520	Finest Mixed.		¼ oz. 50c.	.10
8525	Silvery White.		¼ oz. 50c.	.10
8530	Orange.		¼ oz. 50c.	.10
8535	Bright Scarlet.		¼ oz. 50c.	.10
8540	Cream-color.		¼ oz. 50c.	.10
8545	Canary Yellow.		¼ oz. 50c.	.10
<b>MONSTROUS-FLOWERED.</b> An exceedingly large variety, very free flowering, consisting of most brilliant colors. 2½ ft.				
8550	Finest Mixed.		¼ oz. 40c.	.10
8555	Pure White.		¼ oz. 40c.	.10
8560	Golden Yellow.		¼ oz. 40c.	.10
<b>LILLIPUT.</b> A small double flowering sort of dwarf habit; very effective when used as a border.				
8565	Finest Mixed. 1 ft.		Oz. \$1.00	.10
8570	Golden Yellow (Golden Gem).		Oz. 1.00	.10
8575	Scarlet. Gem. (Little Red Riding Hood).		Oz. \$1.00	.10
8580	White. Gem. 1 ft.		Oz. 1.00	.10

# Bulbs and Bulbous Roots for Spring Planting

Bulbs are mailed free at the single or dozen rates except where noted.



Amaryllis

## Amaryllis

The Amaryllis, one of the most beautiful of our tender or greenhouse bulbs, is greatly admired though little grown. Bulbs should be potted in the Autumn as soon as possible, and allowed to root slowly. Their flower scape usually appears about February, after which the foliage commences to show. They should be kept growing until August or September and then allowed to rest until flowering time. Do not disturb the roots if repotting is needed.

**By Parcel Post add postage at zone rates (see page 1).  
Weight 3 lbs. per doz.**

**Belladonna major** (Belladonna Lily). White, tipped rose; large and handsome. **Each 25c., doz. \$2.50.**

**Belladonna rosea perfecta.** (New.) An exquisite clear pink variety of great substance. **Each 25c., doz. \$2.50.**

**Formosissima** (Jacobean Lily). Dark crimson, open flower, lower petals recurved. **Each 15c., doz. \$1.50.**

**Hippeastrum.** Newest hybrids. These hybrids are raised from seed of the most famous strains in the world and should not be compared with the old-fashioned species. **Each \$1.00, doz. \$10.00.**

**Vittata Hybrida.** A variety of Hippeastrum, most intensely colored; very large. **Each \$1.00, doz. \$10.00.**

**Defiance.** Rich carmine, striped and suffused with white. **Each 75c., doz. \$7.50.**

**Equestris.** A hybrid of Hippeastrum. Scarlet, with broad white stripe, extending from the root to half way up the segments. **Each 20c., doz. \$2.00.**

**Johnsoni** (Barbadoes Spice Lily). Another hybrid. Enormous! bright crimson flowers with white stripe through the center of each segment. **Each 50c., doz. \$5.00.**

**Vallota purpurea** (Scarborough Lily). Vivid scarlet. Popularly grown in pots, and placed on steps and piazzas, where they flower during the latter part of August. **Cannot supply.**

### ZEPHYRANTHES.

**rosea** (Fairy Lily). Rose-pink flowers; quite hardy and may be planted in the garden or in the lawn. **Each 10c., doz. 75c., 100 \$5.00.**

**candida.** Pure white; fragrant. **Each 10c., doz. 75c., 100 \$5.00.**

**6 Bulbs sold at dozen price; 25 at hundred price**

## Anemone

Very graceful dwarf-growing bulbs, producing large quantities of exceedingly handsome flowers, with a fine assortment of colors. Bulbs may be planted in Fall, but the best results are obtained from Spring planting. They require a shady location, where the sun will not burn their foliage. Bulbs should be planted 6 inches apart and 3 inches deep.

**Japonica.** See page 140.

**Blanda** (Blue Winter Windflower). A lovely plant from the hills of Greece, of a fine blue and blooming in Winter and early Spring. It should be grown in every rock garden, planted on the banks that catch the early sun, while it may be naturalized in grassy places in warm soil. It is distinguished by round and bulb-like roots. **Doz. 60c., 100 \$3.50.**

**Single Caen** (The Giant French, or Poppy-flowered Anemone). Finest mixed. **Doz. 30c., 100 \$2.00.**

**Single Coronaria.** Finest mixed. **Doz. 25c., 100 \$1.75.**

**Single Blue.** Bright color. **Doz. 30c., 100 \$2.00.**

**Single Scarlet.** Very showy. **Doz. 30c., 100 \$2.00.**

**Single White** (The Bride). Pure, snowy white. **Doz. 30c., 100 \$2.00.**

**Single Apennina.** Flowers large; sky blue. **Doz. 30c., 100 \$1.50.**

**Single Fulgens** (Scarlet Windflower). Flowers dazzling scarlet, free flowering; one of the best for forcing. **Doz. 60c., 100 \$4.00.**

**St. Brigid** (Irish Anemone). Semi-double. A handsome type in shades of scarlet, blue and purple. **Doz. 40c., 100 \$3.00.**

**Double Superfine Mixed.** Great variety. **Doz. 30c., 100 \$2.00.**

**Double Lord Nelson.** Violet. **Doz. 30c., 100 \$2.00.**

**Double Rosette.** Charming pink. **Doz. 30c., 100 \$2.00.**

**Double King of Scarlets.** Brilliant scarlet. **Doz. 50c., 100 \$3.50.**

**Double Ceres.** White, shaded rose. **Doz. 50c., 100 \$2.50.**

**Apios Tuberosa.** A hardy climber which bears beautiful Pea-shaped, chocolate-colored clusters of flowers during July and August. Requires a shady location. **Each 7c., doz. 75c.**



Giant Anemone

## Begonias Tuberous-Rooted

By Parcel Post add postage at Zone rates (see page 1). Weight 1 lb. per doz.

Begonias are indispensable for shady places, and every garden possesses one or more shady spots. May be planted out of doors latter part of May. Started in the house during March and April, the first flowers will appear in June and increase with the season, the plants attaining their height of perfection just before frost sets in. Keep constantly moist.

We have established a reputation on the quality of our Begonias. The size and quality of the bulbs we ship should be sufficient guarantee of their superiority in quality.

**Culture.**—The tubers may be started in February or March. The soil should be light, containing plenty of leaf mould and sand. In planting, care should be taken to set the crown of the tuber, which is usually somewhat depressed, upward. The tubers should be covered half an inch with light soil and watered sparingly until they start, after which more water may be given. The temperature should be 60 to 70 degrees. The started plants when intended for bedding purposes, may be transferred to the beds in the open ground early in June, by which time they should be in bloom. The plants should be set 10 to 12 inches apart.

Although there is much to be gained by starting the tubers early as just described, they may be planted un-started in the open ground beds in the last week of May or later, with excellent results.

### Single Fringed Begonias

Beautiful giant blooms, with elegantly-fringed edges, giving the flower a most graceful appearance. These are rather new, and quantity is limited.

**SCARLET, DELICATE PINK, DEEP ROSE, WHITE, YELLOW, ORANGE, SALMON. Finest Mixed Colors.**  
Each 20c., doz. \$2.00.

### Single Crested Begonias

This is quite a new break in Begonias. The petals are of great substance, and carry on the upper side a crest in the shape of a cockscomb.

**BRILLIANT RED, ORANGE, YELLOW, WHITE, ROSE, COPPER COLOR.** Each 20c., doz. \$2.00.

### Double-Flowering Begonias

The double flowers are similar to Camellias, usually from 2 to 3 inches in diameter.

**MARMORATA (Red Spotted Light). SALMON, DEEP ROSE, SCARLET, CRIMSON, WHITE, YELLOW, ORANGE, COPPER-BRONZE, MIXTURE OF ALL COLORS.**  
Each 15c., doz. \$1.75, 100 \$12.00.

### Single-Flowering Begonias

Very large flowers, quite conspicuous; the single varieties produce best bedding effects.

**MARMORATA (Red Spotted Light). DELICATE PINK, DEEP ROSE, SCARLET, CRIMSON, WHITE, YELLOW, ORANGE SALMON, COPPER BRONZE, MIXTURE OF ALL COLORS.**  
Each 5c., doz. \$1.00, 100 \$7.00.

### Bessera Elegans

(Mexican Coral Drops)

Free-blooming bulbs with long, narrow, grass-like leaves and slender flower stalks; scarlet flowers.

Each 10c., doz. \$1.00, 100 \$7.00.

### Caladium Esculentum

(Elephant's Ear)

Very showy, ornamental plants, producing a sub-tropical effect. Usually planted in groups, and quite often used as a border around bronze-leaved Cannas. The foliage is very large, sometimes 2 feet across, and resembles to some extent an elephant's ear, which it is commonly called.

Bulbs may be started in pots and planted out during May and June. For good effects they should be planted about 15 inches apart; usually attain a height of from 3 to 4 feet.

By Parcel Post add postage at Zone rates (see page 1).

**First Size Bulbs.** Weight, each  $\frac{1}{2}$  lb.

Each 10c., doz. 85c., 100 \$6.00.

**Extra Large Bulbs.** Weight, each 1 lb.

Each 15c., doz. \$1.50, 100 \$10.00.

**Mammoth Bulbs.** Weight, each 2 lbs.

Each 25c., doz. \$2.50, 100 \$15.00.

**Growing Plants in May.** Each 25c., doz. \$2.50, 100 \$15.00.

### Caladiums, Fancy-Leaved

By Parcel Post add postage at Zone rates (see page 1).  
Weight 1 lb. per doz.

In the past few years these have grown very rapidly in popular favor for the decoration of the conservatory, greenhouse, or window box; excellent for planting out of doors when the ground has become warm and in partially shady borders. Soil should be well enriched. These range in a great variation of colors and beautifully marked leaf, which can hardly be described.

We have these in many varieties which we offer in dormant tubers. When ordered by the dozen we always supply a variety of colors, giving the names at the same time.

**Superfine Mixture.** Each 20c., doz. \$2.00.  
**Choice Named Sorts.** Each 30c., doz. \$3.00.

### Camassia Esculenta

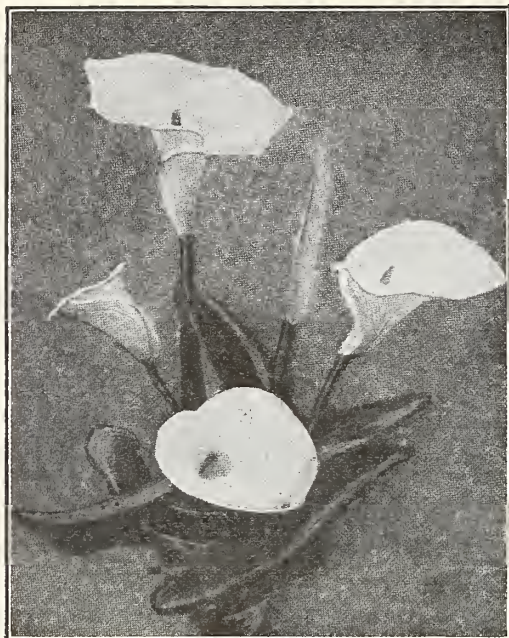
By Parcel Post add postage at Zone rates (see page 1).  
Weight 1 lb. per doz.

Very hardy and attractive Spring flowers, varying in color from deep blue to nearly white. They will last for years without disturbing and are very effective among shrubbery borders.

Doz. 30c., 100 \$1.50.



Tuberous Begonia, Fringed



Calla Elliottiana

## Eremurus

By Parcel Post add postage at Zone rates (see page 1).  
Weight 1 lb. each, 6 lbs. per doz.

**Himalaicus.** A very effective plant, producing fine white flowers about 1 inch in diameter. **Each \$1.00, doz. \$10.00.**

**Robustus.** A very large and beautiful perennial, flowering first of June. The strong stems attain a height of 7 or 8 feet, bearing large, soft rose flowers in dense spikes. **Each \$1.00, doz. \$10.00.**



Fancy-Leaved Caladium

## Calla Lilies (Arum)

By Parcel Post add postage at Zone rates (see page 1).

Weight 2 lbs. per doz.

**Alba maculata** (The Spotted-leaf Calla). This variety is perfectly hardy in this climate and is an excellent acquisition for the border or in clumps near ponds. Beautiful as pot plants. Flowers white. Foliage spotted white. **Each 20c., doz. \$2.00.**

**Elliottiana** (The Golden Calla). A new variety with rich, golden yellow flower and white-spotted foliage. May be grown to bloom during February and June. Flowers in Summer if planted in the early Spring. Bulbs ready in November. **Each 50c., doz. \$5.00.**

## Cinnamon Vine (Chinese Yam)

By Parcel Post add postage at Zone rates (see page 1).

Weight 1 lb. per doz.

Splendid, hardy climber, rapid grower, with bright, glossy green, heart-shaped leaves. White Cinnamon-scented flowers. **Each 7c., 4 for 25c., doz. 75c., 100 \$4.00.**

## Crinum Kirkii

A bulbous plant producing usually a two-flowered spike, growing about 2 feet in height, and surmounted by clusters of Amaryllis-like flowers, pure white, striped with purple.

**Each 60c., doz. \$5.00.**



Gloxinia

## Gloxinia

For a Summer-flowering plant, both for greenhouse and window, this is the most desirable and can be easily raised from bulbs. We have these in great variety of colors and all are of the large-flowering variety.

Bulbs ready for delivery about January 15th.

By Parcel Post add postage at Zone rates (see page 1).

Weight 1 lb. per doz., 5 lbs. per 100.

**Violacea.** Dark violet. **Mont Blanc.** Pure white.

**Reine Wilhelmina.** Dark rose.

**Roi des pourpres.** Deep purplish scarlet.

**Defiance.** Brilliant scarlet. **Othello.** Dark blue.

**Violet, white border.**

**Tigrina.** Spotted.

**Scarlet, white border.**

**Etoile de Feu.** Red, with dark red center.

**All Colors Mixed.** **Each 25c., doz. \$2.50.**

## Hyacinthus Candicans (Summer Hyacinth)

A most valuable, hardy perennial, showing its majestic, pure white, bell-shaped flowers during August. Most effective if planted in large clumps between shrubbery. mammoth Bulbs

**Doz. 75c., 100 \$5.00.**

## Lily of the Valley (Cold Storage)

A greatly admired and very popular commercial flower at all times, its graceful racemes with numerous, large, white, drooping bells, producing a delightful fragrance. Lily of the Valley may be grown for house plants twelve months in the year. By the aid of the cold storage which we have in our store we can supply the pips at any time. From these cold storage pips they may be flowered in three to four weeks.

By Parcel Post add postage at Zone rates (see page 1).  
Weight, per bundle, 2 lbs.

**Boston Quality Selected Pips.** From cold storage for forcing immediately.

Per bundle, 25 pips \$1.00, 100 \$3.50.

## Lily of the Valley Clumps (For Outdoor Culture)

By Parcel Post add postage at Zone rates (see page 1).  
Weight, 4 lbs. per clump.

Our importations of these enormous clumps increase greatly each season. We strongly recommend them for outdoor planting only. Each clump has from 20 to 35 pips or crowns, and they are grown from the large-flowering varieties.

**Large Clumps.** Containing many flowering pips.

Each 30c., doz. \$3.50, 100 \$25.00.

## HARDY LILIES

We make a specialty of Hardy Lilies. We can only deliver these as they mature and also according to the importations. Some varieties do not arrive in this country until the middle of November, while our native Lilies can be delivered as early as October 20. *Lilium candidum* can be delivered after September 10. The majority of these varieties arrive in the late Fall, but most deliveries are made in early Spring.

**ALBUM** (White Japanese Lily). This variety of *Speciosum* is undoubtedly the hardiest and most popular Lily for the border of garden. They grow from 3 to 4 feet high and continue to bloom from August till frost. The above variety is pure white.

Mammoth Bulbs. Each 25c., doz. \$2.50, 100 \$20.00.

Selected Bulbs. Each 20c., doz. \$2.00, 100 \$16.00.

**AURATUM** (Golden-banded Lily of Japan). This variety grows on a strong stem, 4 to 5 feet high, from six to twelve immense blooms which measure 10 inches when expanded. The flowers are white, with a broad yellow stripe through the center of each petal and freely spotted chocolate crimson. Their fragrance is delicious.

Mammoth Bulbs. Each 35c., doz. \$3.50, 100 \$25.00.

Extra Large Bulbs. Each 25c., doz. \$2.50, 100 \$15.00.

First Size Bulbs. Each 15c., doz. \$1.50, 100 \$10.00.

**AURATUM RUBRUM VITTATUM.** Very large flowers, often 1 foot across; pure ivory white, with broad crimson stripe through center of each petal. One of the choicest sorts.

Each 75c., doz. \$7.50.

**BATEMANI.** Japanese Lily, producing bright orange-red flowers. 3 to 4 feet. July and August.

Each 25c., doz. \$2.50.

**BROWNII.** Flowers very large, trumpet shaped, pure white inside, brownish outside. Stamens chocolate color. 3 feet. July and August. Each 75c., doz. \$8.00.

**CANDIDUM** (Ascension, or Madonna Lily). These are the famous bulbs from northern France, and, although they can be successfully forced, they are far better for the open garden. This is one of the best varieties for scattering among shrubs and in perennial beds. June and July. Our bulbs are all selected and the largest and strongest procurable.

Each 25c., doz. \$2.25, 100 \$16.00.

**CANADENSE** (Native Canadian Bell Lily). Flowers bright yellow, with small black spots. A most graceful Lily and excellent for naturalizing in shrubs and woods. It usually grows 2 to 3 feet high, with a great quantity of blossoms; fine among shrubbery.

Each 12c., doz. \$1.25, 100 \$10.00.

**CANADENSE RUBRUM.** Similar to preceding, only crimson, spotted with black; flowers in July and August.

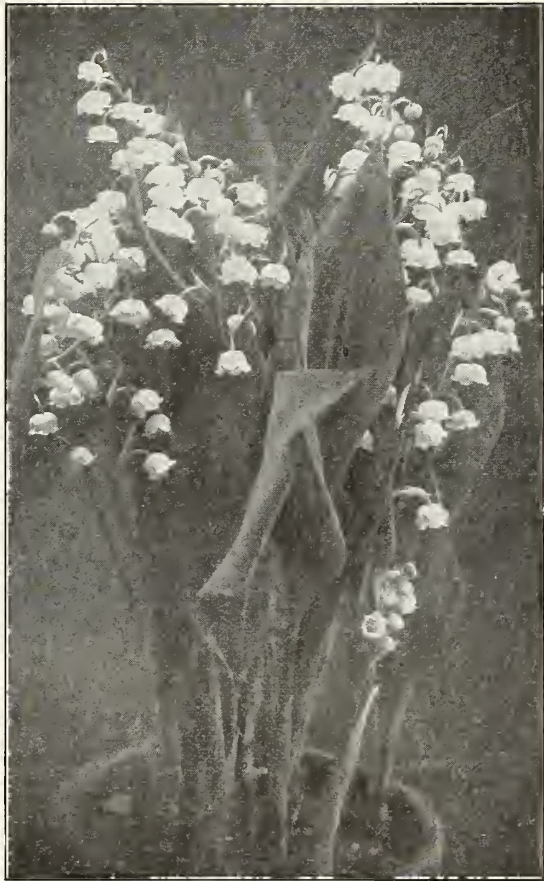
Each 15c., doz. \$1.75, 100 \$12.00.

**CHALCEDONICUM** (Scarlet Turk's Cap). Brilliant scarlet recurved flowers.

Each 60c., doz. \$6.00.

**COLCHICUM.** Beautiful golden yellow, spotted with black.

Each 25c., doz. \$2.50.



Lily of the Valley

**CROCEUM.** A splendid Lily of erect type, bearing from three to eight enormous flowers of a deep orange-tinted scarlet. Flowers in July. Each 20c., doz. \$2.00.

### ELEGANS—

**ATROSANGUINEUM.** One of the earliest-flowering Lilies. Deep, rich crimson, with dark spots. Flowers in June and July. Each 25c., doz. \$2.50, 100 \$15.00.

**BICOLOR.** Bright red flushed; very showy and large. July. Each 12c., doz. \$1.25, 100 \$9.00.

**ROBUSTA.** An immense flower of the true type; three to five flowers in a cluster. Flowers in July.

Each 25c., doz. \$2.50.

**PAINTED CHIEF.** Bright flame color.

Each 20c., doz. \$2.00.

**LEONARD JOERG.** Rich apricot spotted; very fine. Each 20c., doz. \$2.00.

**EXCELSUM** (Isabellinum). Flowers recurved and of delicate buff color. Very fragrant. July. 4 to 5 feet. Each 50c., doz. \$5.50.

**HANSONII.** Deep golden yellow, spotted chocolate.

Each 60c., doz. \$7.00.

**HENRY** (Yellow *Speciosum*). A vigorous Lily; color deep orange yellow, banded with green.

Each 75c., doz. \$8.00.

**KRAMERI.** Blush pink; fragrant and beautiful trumpet shaped flowers. Blooms in August.

Each 25c., doz. \$2.00.

**MAGNIFICUM.** Most intensely colored of all *speciosum* varieties. A large clump of these Lilies will make a wonderful effect.

Mammoth Bulbs. Each 35c., doz. \$3.50, 100 \$25.00.

Extra Large Bulbs. Each 25c., doz. \$2.50, 100 \$18.00.

Selected Bulbs. Each 15c., doz. \$1.50, 100 \$10.00.

- MARTAGON.** A graceful Lily, with flowers of the Turk's Cap type of a reddish brown. Height 3 feet. Six to ten flowers. June. Each 20c., doz. \$2.00.
- MELPOMENE.** Large, deep crimson, heavily spotted. Mammoth Bulbs. Each 35c., doz. \$3.50, 100 \$25.00. Extra Large Bulbs. Each 25c., doz. \$2.50, 100 \$18.00. Selected Bulbs. Each 15c., doz. \$1.50, 100 \$10.00.
- PARDALINUM** (Leopard Lily). Rich scarlet and yellow flowers, spotted with rich brown. Robust and free flowering. Each 15c., doz. \$1.50, 100 \$10.00.
- ROSEUM** (Pink Japan Lily). White, shaded and spotted dark rose. Mammoth Bulbs. Each 35c., doz. \$3.50, 100 \$25.00. Extra Large Bulbs. Each 25c., doz. \$2.50, 100 \$18.00. Selected Bulbs. Each 15c., doz. \$1.50, 100 \$10.00.
- RUBRUM** (Red Japan Lily). White, suffused and spotted crimson. Mammoth Bulbs. Each 35c., doz. \$3.50, 100 \$25.00. Extra Large Bulbs. Each 25c., doz. \$2.50, 100 \$18.00. Selected Bulbs. Each 15c., doz. \$1.50, 100 \$10.00.
- SUPERBUM** (Our Native Turk's Cap Lily). Rich orange-red petals, tipped red and dark spotted. 4 to 6 feet high. Blooms July and August. Each 15c., doz. \$1.50, 100 \$10.00.
- TENUIFOLIUM** (Coral Lily). A graceful flower of a bright scarlet Turk's Cap form. Foliage Fern-like, stems slender, 12 to 15 inches high. Flowers in July. Each 20c., doz. \$2.00.
- TIGRINUM SPLENDENS** (The Common Tiger Lily). So well known that it does not require description. Each 10c., doz. \$1.00, 100 \$7.50.
- TIGRINUM SPLENDENS FL. PL.** Double-flowering Tigrinum splendens. Each 10c., doz. \$1.00, 100 \$8.00.
- UMBELLATUM ERECTUM.** A Lily that resembles Elegans variety. Flowers are borne in large clusters; deep scarlet to dark red. 2 feet high. June. Each 12c., doz. \$1.25, 100 \$8.00.
- UMBELLATUM INCOMPARABLE.** Beautiful dark red. Each 12c., doz. \$1.25, 100 \$9.00.
- WALLACEI.** Orange scarlet, spotted with maroon. 3 feet. September. Each 12c., doz. \$1.25.



*Lilium tigrinum splendens*

## Montbretia (Tritonia)

By Parcel Post add postage at Zone rates (see page 1).  
Weight 3 lbs. per 100

These beautiful, late, Fall-flowering bulbs are very popular for clumping among perennials and massing. We have succeeded in procuring some new and distinct colorings, as will be seen by the following varieties. As these bulbs do not arrive in this country until November, we would advise ordering early. Should the ground be frozen, we will make shipment as soon as practical in the Spring.

- Bouquet Parfait.** Bright Vermillion with yellow center. Doz. 25c., 100 \$1.50, 1000 \$12.00.
- CALIFORNIA.** Free flowering; beautiful, deep golden yellow. Doz. 25c., 100 \$1.50, 1000 \$12.00.
- CARMINEA.** (New.) Beautiful red, shaded coppery rose, approaching dark rose; flowers large and well opened; free flowering. Doz. 35c., 100 \$2.75, 1000 \$25.00.
- CROCOSMIÆFLORA.** Fine scarlet and yellow. Doz. 20c., 100 \$1.00, 1000 \$7.00.
- ETOILE DE FEU** (Star of Fire). Bright vermillion, center yellow, outside blood red. Doz. 30c., 100 \$2.00, 1000 \$12.00.
- FIRE KING.** (New.) Splendid, glowing scarlet red. One of the most beautiful new varieties. Doz. 35c., 100 \$2.75, 1000 \$25.00.
- G. DAVIDSON.** (New.) Stems 3 to 4 feet high; branching habit, bearing widely expanded pale orange-yellow blossoms. Doz. 50c., 100 \$3.75.
- GERMANIA.** Bright orange-scarlet flowers of extremely large size. Doz. 60c., 100 \$4.50.
- GOLDEN SHEAF** (Gerbe d'Or). Beautiful, clear golden. Doz. 20c., 100 \$1.25, 1000 \$10.00.
- OBELISQUE.** (New.) Yellow, slightly reflexed orange; large flowered; very free. Doz. 60c., 100 \$4.50.
- ROSEA.** Bright salmon rose; distinct. Doz. 25c., 100 \$1.50, 1000 \$12.00.
- SPECIOSA.** (New.) Copper color, with yellow disc in center. A distinct variety; extra large. Doz. 25c., 100 \$1.75, 1000 \$15.00.
- TRANSCENDENT.** (New.) Orange, shaded vermillion. Doz. 30c., 100 \$2.00, 1000 \$17.50.



*Montbretia aurea*

## Madeira Vine

By Parcel Post add postage at Zone rates (see page 1). Weight 3 lbs. per doz., 16 lbs. per 100.

A favorite tuberous-rooted climbing plant with dense and beautiful shining foliage and of very rapid growth, twining on strings to a great height or forming garlands in many fanciful forms. It will grow anywhere, but does best in a warm, sheltered, sunny location. It is also a very pretty plant for training around the windows in the house. Each 5c., doz. 45c., 100 \$3.25.

## Milla Biflora

One of the loveliest bulbous plants; most desirable on account of its immense, pure, waxy-white flowers, which are borne in clusters of two to three on a flower-stalk, 12 to 18 inches high. The petals are very thick and firm, and the flowers will keep in water for a week after cutting. A single bulb will produce as many as six flower stalks. Each 7c., doz. 60c., 100 \$4.50.

## Ranunculus

An exquisite dwarf Spring flower, which can easily be grown in pots or coldframes.

**Giant Double French, Mixed.** A great assortment of colors. Doz. 10c., 100 75c., 1000 \$6.00.

**Double Persian, Mixed.** A small-flowered variety in various colors. Doz. 10c., 100 75c., 1000 \$6.00.

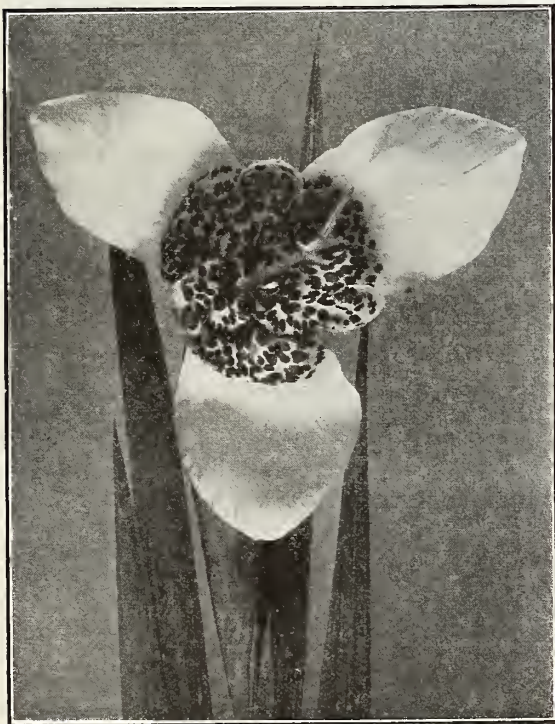
**Double Turban, Mixed.** Enormous flowers, resembling miniature Peonies in shape, and in great variety of colors. Doz. 15c., 100 75c., 1000 \$6.00.

## Trillium (Wood Lily)

No charge for mailing

Hardy, native flowers, excellent for shady places. **Grandiflorum** (American Wood Lily). Flowers pure white, changing to delicate rose. Each 10c., doz. \$1.00, 100 \$6.00.

**Erectum.** Pure white, compact growth. Height 15 inches. Each 10c., doz. \$1.00, 100 \$6.00.



Trillidia



Tuberose Mexican Everblooming

## Tuberose Mexican Everblooming Single

By Parcel Post add postage at Zone rates (see page 1). Weight 1 lb. per doz., 8 lbs. per 100.

The most free-blooming Tuberose in existence. Each bulb produces only one flower spike; but the peculiar feature is the making of new bulbs, as the original one is blooming, which flower as soon as the old bulb has finished.

These bulbs may be planted out as early as the first of May and as late as the middle of June, and flowering in about eight weeks' time, they continue until after the first frost. The flower stalk is tall and stiff, usually bearing six to twenty pure white blooms, having the same delightful odor as the regular double variety.

Each 6c., doz. 60c., 100 \$4.75.

## Tuberoses

By Parcel Post add postage at Zone rates (see page 1). Weight 1 lb. per doz., 8 lbs. per 100.

One of the most successful of the late-flowering Summer bulbs. The best results are obtained if the bulbs are planted in pots during March and April, thereby allowing them to get well established before planting outside, though good results are to be had from bulbs planted outdoors during May.

**Excelsior, Double Pearl.** Large-flowering and valuable for cutting. Doz. 30c., 100 \$2.00, 1000 \$15.00.

**Excelsior, Double Pearl.** Mammoth bulbs. Doz. 50c., 100 \$3.00, 1000 \$24.00.

## Tigridia (Ferraria) (Shell Flower)

Has gorgeously colored Iris-like flowers and foliage. Grows 3 feet high and blooms freely throughout the Summer. Excellent for cut flowers.

### PAVONIA.

**alba grandiflora.** Large, pure white.

**Canariensis.** Light yellow.

**conchiflora.** Nankeen yellow.

**lilacea.** Rich, reddish lilac.

**rosea.** Beautiful rose pink.

**speciosa.** Scarlet red.

**Mixed Varieties.**

Doz. 50c., 100 \$3.50.



Pres. Roosevelt

Panama

Baron Hulot

## Gladioli, Ruffled Petals

**Kunderdi Glory.** Color delicate cream pink, each lower petal having an attractive crimson stripe through the center, each petal being ruffled and fluted.

Each 20c., doz. \$2.00.

**Orange Glory.** (Kunderdi Glory type.) Grand orange colored, with beautiful lighter throat. Very rich and striking color. Beautiful and distinct.

Each 50c., doz. \$5.00.

**Pink Lady.** A magnificently ruffled rose pink.

Each \$1.00.

**Purple Glory.** The Giant of the Kunderdi Glory race, and of remarkable color. Deepest velvety maroon red, with almost black blotches, like burned into the petals. Beautifully ruffled.

Each \$3.00.

**Rose Glory.** A very large and beautiful ruffled variety. Pure rose-pink color. Deeper in throat. Extra fine.

Each \$1.00.

**White Glory.** A gorgeous pure white of exact size and type as Kunderdi Glory, with beautiful iris blue throat. Fine as a delicate iris.

Each 50c., doz. \$5.00.

**No. 173.** (Kunderdi.) A very brilliant orange salmon. Extra rich, fiery, deeper orange throat. Tall, and very large and massive bloom. Plenty open at a time. Extremely grand and showy. New.

Each \$2.00.

# GLADIOLI

## Our Specialty

In the following list of varieties we offer only those which we have grown with satisfactory results.

We devote a large piece of ground to the trials of new varieties and those which we catalogue; and during the flowering period we have on exhibition, in our show windows, cut blooms to which we invite the attention of the public, making an excellent opportunity for them to select the colors and varieties most desirable.

It is needless to say that Gladioli at the present time produce some of the finest colors and most exquisite shades; especially beautiful are the delicate contrasts of the outer segments and the deep veining and heavily colored blotches of the throat, thus making the Gladiolus one of the most attractive Summer-flowering bulbs. We advise the planting of Gladioli during May and June, and should successive plantings be made, flowers may be had until October.

Gladioli thrive in almost any good garden soil; but if well prepared, by adding stable manure, better results may be obtained.

Exposure to the sun is necessary at all times. Bulbs may be planted in rows either single or double, leaving about four inches between bulbs in drills two feet apart; plant the bulbs four inches deep.

When mass effect is desired, bulbs should be planted from six to eight inches apart and four inches deep; this applies to planting in beds, borders and among shrubbery.

## COLLECTION

### EIGHT EXCELLENT VARIETIES

We offer as a collection, one each of following varieties:

Baron Hulot, Empress of India, Daisy Rand, Mrs. Beecher, Mrs. Frank Pendleton, Niagara, Jean Dieulafoy, Kunderdi Glory.

If you have not already tried these choice varieties we make a special offer that you may include them in your collection. **\$1.00**

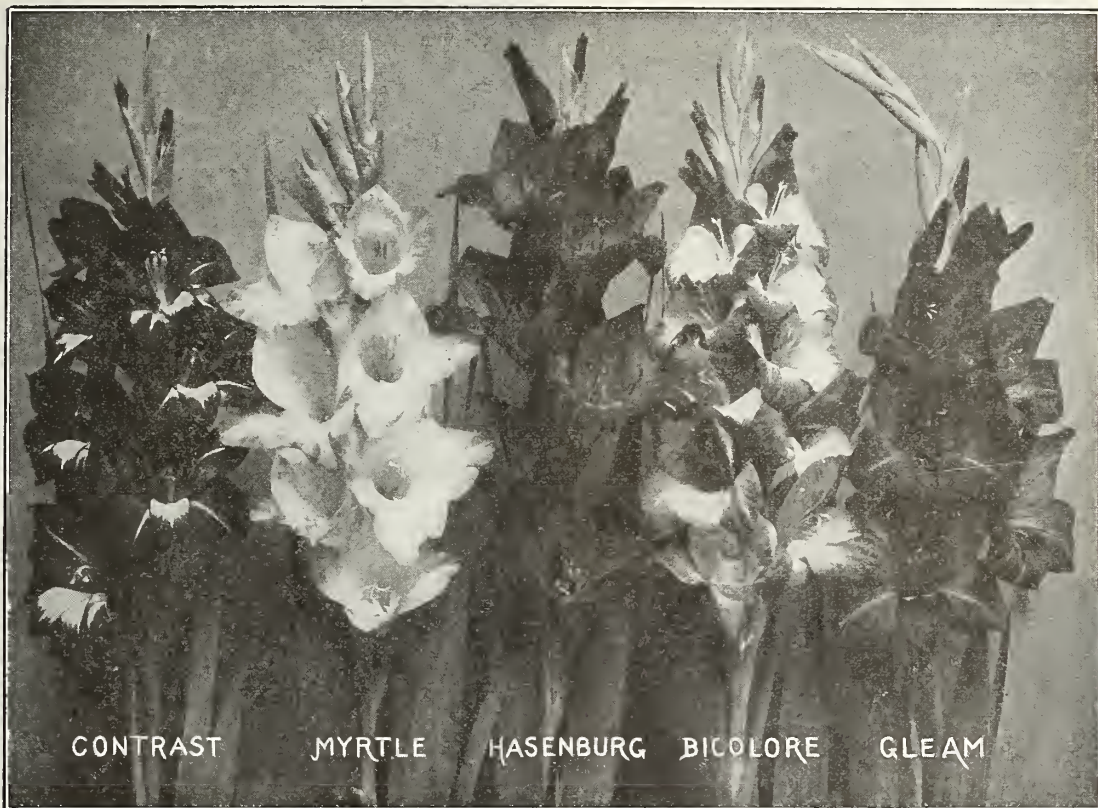
## Gladioli in Mixture

**Blue Ribbon Mixture.** Having had many calls for assortments of named varieties, we can offer this mixture, which is made up from our choice varieties; containing the greatest selection of colors, all of which are fancy sorts. **Doz. \$1.00, 100 \$7.50.**

**Fiske's Exhibition Mixture.** Includes a large portion of the named varieties offered in our list, in addition to the best selection of Groff's Hybrids. We mix them ourselves and know this exhibition mixture must please the most critical buyer. **Doz. 75c., 100 6.00, 1000 \$57.00.**

**Groff's Mixed Hybrids.** Are known to be a mixture of all the best of the earlier Hybrids grown by Mr. Groff. and are marvelous in their varied markings. **Doz. 50c., 100 \$3.50, 1000 \$30.00.**

**Special Mixture.** Of all good varieties, in large size bulbs. **Doz. 30c., 100 \$2.00, 1000 \$16.00.**



CONTRAST

MYRTLE

HASENBURG

BICOLORE

GLEAM

## GLADIOLI

### CHOICEST NAMED VARIETIES

**ALINE.** White, slightly striped with pink. Flower medium size, of very graceful form.

Each 20c., doz. \$2.00.

**America.** The color is a most beautiful soft pink, very much like the "Enchantress" Carnation. Individual flowers are very large and massive, and as a group or in vases there is no other flower which can excel it in effectiveness.

Doz. 50c., 100 \$4.00.

**ANITA.** Amaranthine rose self, excepting a small white blotch; tall spike.

Each 30c., doz. \$3.00.

**Aristophane.** Very large flower of a pure salmony rose color; a white band in the center of each petal and a conspicuous straw colored blotch with small garnet red stripes on the lower petals.

Each 40c. doz. \$4.00.

**ARRIERE-GARDE.** Grand spike of salmony rose flowers profusely flushed with slaty violet toward the edges of the petals, blotch and center band creamy yellow.

Each 40c., doz. \$4.00.

**Attraction.** Deep, dark, rich crimson, with a very conspicuous large pure white center and throat. At once a most beautiful and attractive sort.

Each .07c., doz. 75c., 100 \$5.00.

**Augusta.** Flowers are of perfect paper white, with a slight pink shade on lower half of the petal. The spike is set solid and perfect with the flowers from top to bottom.

Each 5c., doz. 50c., 100 \$3.00.

**A. W. Clifford.** (Kunderd.) Extra early, old carmine red with amaranth red throat and lilac tinted medial lines.

Each 50c., doz. \$5.00.

### Badenia.

A particularly distinct lilac color. Quite different from other varieties.

Each \$1.00, doz. \$10.00.

**BARON HULOT (Blue King).** Good sized flower, well arranged on straight spikes; color dark violet bordering on blue.

Doz. 75c., 100 \$5.00.

**BICOLORE.** Large flowers of bright rosy salmon with the exception of the lower petals, which are ivory white suffused with rose at edges.

Each 30c., doz. \$3.00.

**Bird of Paradise.** Bright salmon pink, suffused and spotted with a deeper tint, lower petals with a blotch of creamy white, penciled with rich pink. Flowers large; spike tall and straight.

Each 30c., doz. \$3.00.

**Blue Jay.** (True.) Bright, light blue with white shadings; a strong grower. large flowers, often 5 ft. high.

Each 60c., \$6.00.

**BRENCHLEYENSIS.** This is an old standard sort, and one of the best for bedding where one shade of good scarlet is desired. Large bulbs.

Each 5c., doz. 40c., 100 \$3.00.

**BRILLIANT.** Beautiful orange red, with carmine and white throat.

Each 10c., doz. \$1.00, 100 \$8.00.

**CANARY BIRD.** Without doubt a fine yellow, a pure canary shade that is pleasing and attractive.

Each 15c., doz. \$1.50, 100 \$10.00.

**CARDINAL KING (Kunderd).** Cherry red of a rich, deep tint, with a blotch of still deeper tint on the lower petals. Flowers of medium size, but of a graceful form. Four to six out at one time.

Each 15c., doz. \$1.50.

**Charmers.** Large, broad petaled flowers of soft mauve pink blending off lighter in the throat, which is penciled carmine lake, with a large blotch of same color on the central lower petal. **Each 25c., doz. \$2.50.**

**COMMANDANT DELONCLE.** Splendid spikes with large rounded flowers of violet crimson and marked with a distinct white line. **Each 25c., doz. \$2.50.**

**Contrast.** Flowers of great substance and a beautiful compact spike of perfect form; color intense scarlet with a large, distinct pure white center which is neither tinted nor mottled. A most striking novelty. **Each 50c., doz. \$5.00.**

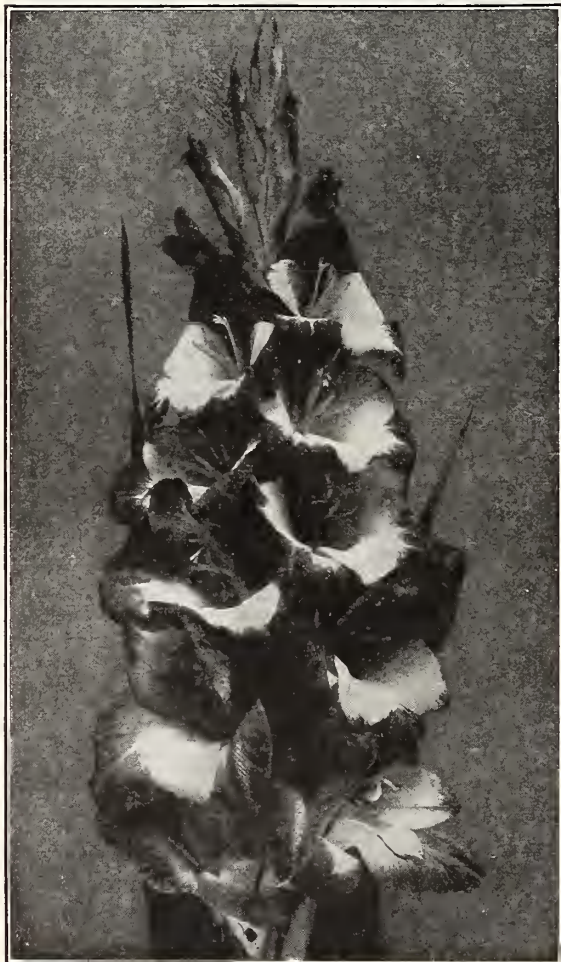
**CRACKER-JACK.** Large flowers of rich velvety dark red, throat spotted with yellow and dark maroon; a most beautiful variety. **Each 10c., doz. \$1.00.**

**CURT ENGLEHARDT.** Golden rose, crimson red shaded carmine, with a snow white blotch, with great variety of colors; a superb flower. **Each \$1.00.**

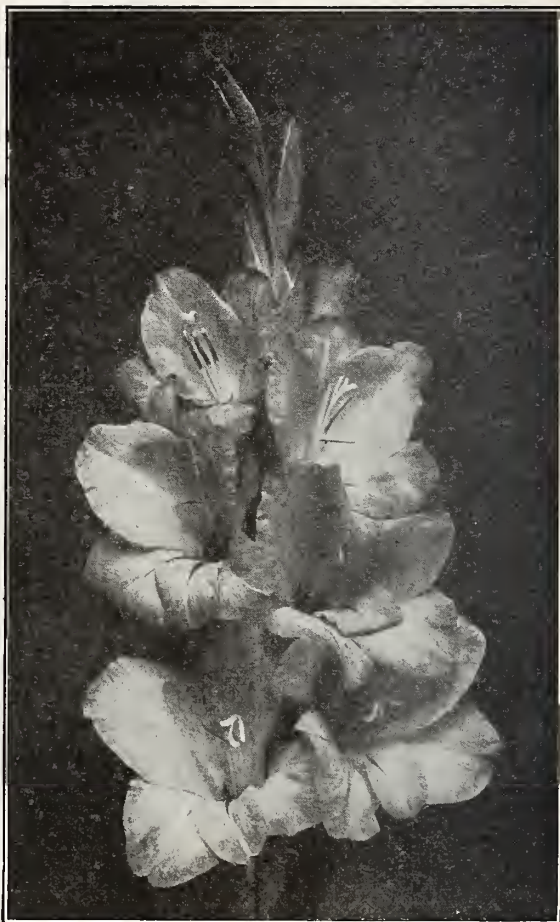
**DAISY RAND.** Ivory white ground, suffused rosy pink, lower petal blotched buff penciled with pink. **Each 25c., doz. \$2.50.**

**Dawn.** Strong, straight and vigorous plant over four feet high. Flowers large, of a delicate salmon shading to white inside when bloomed, a small claret stain in interior petals. **Each 30c., doz. \$3.00.**

**DAZZLER.** Flowers of vivid salmon scarlet, marked in throat with a deep orange red with carmine lake stripes; fine long spike, well filled. **Each 50c., doz. \$5.00.**



Bicolor



Dawn

**DORA KRAIS.** A much improved yellow; color sulphur yellow with dark carmine spots; flowers very large and open; this was much admired last year when exhibited. **Each 20c., doz. \$2.00.**

**EMPRESS OF INDIA.** Rich, deep crimson red, velvety texture, very choice and an erect grower. **Each 10c., doz. \$1.00, 100 \$7.50.**

**Elizabeth Kurtz.** Pure white variety, with a faint touch of red, deep down in the throat. Large; strong grower. **Each 35c., doz. \$3.50.**

**ENCHANTRESS.** Blush white, lightly flaked with lake pink toward the margins; throat encircled on the lower petals with carmine lake blotch; a dusting of golden bronze zoning; the blotch is unique. **Each 25c., doz. \$2.50.**

**EUCHARIS.** (Gand). Large well-opened flowers on long spikes, of a delicate blush white, blotched slightly deeper; a charming, dainty coloring. **Each 30c., doz. \$3.00.**

**EUGENE SCRIBE.** Medium sized, well-opened flowers; tender rose, blazed carmine red. **Each 8c., doz. 75c., 100 \$6.00.**

**Europa.** The finest pure white Gladiolus. This new variety is of perfect form, produced on strong, stiff, tall spikes, usually bearing from 20 to 25 pure white blooms. The flowers open very rapidly and it is not uncommon to have from ten to twelve of these open at the same time; the formation is very close and compact, making a perfect spike from the time when the first bud opens until the last. **Each 25c., doz. \$2.50, 100 \$18.00.**

**Fascinator.** Magnificent large flowers of salmon pink tinted with flame of carmine, throat blush with lake pencillings, strong, stiff stems, well filled spike; flowers of good substance. **Each 20c., doz. \$2.00.**

**FAUST.** Color a deep velvety crimson; blooms are large and well arranged. **Each 10c., doz. \$1.00, 100 \$7.00.**

**FRAU DR. RUHLE.** Soft cream colored, slightly suffused delicate pink, tips showing pink, lower petals a slight stripe of purplish crimson; deep at base; every petal is marked alike. **Each \$1.00.**

**Frau Gustav Cless.** Blood-red, striped white on lower petals, dark, extra fine. **Each \$1.00.**

**FRAULEIN HELENE HERMANN.** Coppery tile red, edged slate-blue, ground pure white. **Each \$1.50.**

**GENERAL DE NANSOUTY.** Rich bluish purple, with throat and three lower petals marked with strong, vivid crimson and flecked slightly with spots of lemon yellow; flower stalk is long, bearing 18 to 20 buds, half of which are open at the same time. **Each 20c., doz. \$2.00.**

**George Paul.** (Harvard.) The color is a rich velvety maroon, slightly flushed dark scarlet; the flowers are truly gigantic; from 8 to 15 gigantic flowers and buds appear on one stem; 6 to 10 open flowers usually appear at the same time. **Each 15c., doz. \$1.50, 100 \$10.00.**

**Giant Fawn.** (Kunderd.) Very large bloom of richest deep fawn yellow, faintly bluish-pink bordered. Beautiful red in throat. An extra fine, large yellow. **Each 50c.**

**GLEAM.** Color bright cherry rose delicately lined carmine lake at the throat, very effective. **Each 25c., doz. \$2.50.**

**GLORY OF HOLLAND.** (Albion.) A very fine white sort, usually having two spikes of flowers on one bulb. **Each 10c., doz. \$1.00, 100 \$7.50.**

**Golden West.** One of the best exhibition varieties on account of the variety of markings, the color being a clear orange scarlet, the lower petals striped and blotched with golden yellow faintly suffused with violet shadings. The individual flowers are of large size and seem to stand out boldly, making it very noticeable among any collection. **Each 15c., doz. \$1.50.**

**GORGEOUS.** Immense flowers of vivid scarlet, with large, strongly contrasting silvery white throat, blotch on the lower petals; tall, well filled spike. **Each 20c., doz. \$2.00**

**GOV. HANLEY.** Rich cardinal, a little deeper in the throat; flowers medium size; four to six out at one time. A fine sort for cutting. **Each 15c., doz. \$1.50.**

**Halley.** Delicate salmon pink predominates with a slight rosy tinge, lower petals have a creamy blotch with a bright red stripe in center. **Each 10c., doz. \$1.00.**

**Hasenburg.** Dark purple violet, a quite pure and bright color, producing a well developed, strong spike. **Each 50c., doz. \$5.00.**

**HOHENSTAUFEN.** Pure white suffused soft pink, throat scarlet edged yellow. **Each 25c., doz. \$2.50.**

**IDA VAN.** A most beautiful deep salmon red or flaming orange pink. Very rich brilliant color. **Each 15c., doz. \$1.50.**

**JEAN DIEULAFOY.** Flowers creamy white, lower petals stained maroon. **Each 20c., doz. \$2.00, 100 \$15.00.**

**Karl Sprandel** White with a delicate rose-center shading carmine on lower petals. Extra large blooms. **Each 50c.**

**LAFAYETTE.** Creamy blush, with rosy purple throat; set thickly on the stem; good size. **Each 12c., doz. \$1.25.**

**LA LORRAINE.** Immense flowers of a very bright salmony red; blotch dark purple red, strongly bordered with bright yellow. **Each 30c., doz. \$3.00.**

**Lapageria.** Brilliant deep pink, shading to flesh toward the center; an original form of flower resembling that of a Lapageria. **Each 75c., doz. \$7.50.**



Kunderdi Glory



JEAN DIEULAFOY



Lafayette

**Lavender America.** (Kunderd.) Similar in form and size to America, but with a deeper pink and a striking lavender tint; very showy. **Each 50c., doz. \$5.00.**

**Liebesfeuer.** A very fine flower of a beautiful brilliant scarlet. This variety has received many Awards of Merit and first class certificates. **Each 25c., doz. \$2.50.**

**LILLEY.** Giant flowers; color a combination of flesh pink, intershaded with soft rose. **Each 20c., doz. \$2.00.**

**Loveliness.** Flowers very large and open on a long spike, well placed. Color of a clear creamy white, slightly suffused apricot in the throat. **Each 25c., doz. \$2.50, 100 \$20.00.**

**MARY FENNEL.** (Kunderd.) Deep lavender shading to a paler tint; lower petals primrose-yellow with penciling of lavender. **Each 20c., doz. \$2.00.**

**MRS. DR. NORTON.** Most beautiful Gladiolus produced by Mr. Kunderd. The sensation of the last two exhibitions of the American Gladiolus Society, winning First Prize. Very large and well open flowers, well set on a tall and graceful spike, four to eight flowers in bloom at one time. Color white, the edges suffused with soft La France pink. The three lower petals have a blotch of sulphur yellow, stained at the base with fine specks of Tyrian pink. Strong and vigorous grower, and very free flowering. **Each \$1.00.**

**MRS. L. MERTON GAGE.** (Kunderd.) Glistening white, with an occasional suffusion of delicate pink; lower petals bear a dainty strippling of rose pink. Anthers purplish blue. Flowers of good size and graceful form. Spike straight and strong; blooms early. One of the best of the whites. **Each 25c., doz. \$2.50.**

**MEADOWVALE.** One of the purest whites, without a shade of other color, except in the throat, where there is a touch of vivid crimson; the three lower petals have a slight center of marking of faint pink; stalk is strong. **Each 15c., doz. \$1.50, 100 \$10.00.**

**Melrose.** White, flaked pink, bright crimson center; a fine flower with large spike. **Each 15c., doz. \$1.50.**

**MEPHISTOPHELES.** Flowers of large size, dark red, stained with black and yellow; very attractive. **Each 20c., doz. \$2.00, 100 \$15.00.**

**MRS. BEECHER.** Brilliant, deep rosy crimson. Large, well opened flower, with white throat freely marked. **Each 10c., doz. \$1.00.**

**MRS. A. E. KUNDERD.** White, slightly suffused with pink and with fine red lines in the throat. Flowers large, well formed and of good substance. **Each 15c., doz. \$1.50.**

**Mrs. Francis King.** A new variety which excited great comment and admiration, both for size of flower and beauty the color of the flower is a light scarlet; the flowers are very large, usually measuring from 3½ to 4 inches in diameter. **Doz. 50c., 100 \$3.50.**

**Mrs. Frank Pendleton.** The finest Gladiolus of the present time. In color it is the most exquisite salmon-pink, with a very conspicuous blood-red blotch in the throat on the lower petals. It is without doubt one of the strongest growing varieties in existence, attaining a height from four to six feet. The foliage is exceptionally broad and of a beautiful deep green color. **Each 20c., doz. \$2.00.**

**MRS. G. W. MOULTON.** Rich dark red, slightly darker in the throat. **Each 20c., doz. \$2.00.**

**Mrs. Watt.** Brilliant wine, having no markings of other shades while closely resembling Hadley Rose, is of a more lively tone, and withal is a Gladiolus of greatest refinement. Flowers are correctly placed on a very stout stalk with many open at one time, mid-season to late bloomer. **Ea. 15c., doz. \$1.50, 100 \$12.00.**

**Murillo.** (Muriel.) A new variety, color porcelain light lilac, with violet blue blotches. Flowers very large and well expanded. **Each \$2.00.**



Mrs. Frank Pendleton



Mrs. Watt

**Myrtle.** Awarded silver medal by the Massachusetts Horticultural Society. Delicate rose pink. One of the most beautiful soft pink colors of recent introduction. Flower extra size and fine form. Early flowering.

Each 20c., doz. \$2.00.

**Negerfurst.** Dark blood-red, slightly flaked black; an improved Cracker-Jack. A very odd, beautiful color, with long, graceful and robust spikes. One of the choicest dark varieties.

Each 30c., doz. \$3.00.

**Newport.** Salmon rose, exceedingly soft and pleasing, with large white center, wide flower and good spike.

Each 40c., doz. \$4.00.

**Niagara.** In type the variety resembles America, but the flowers appear to be somewhat larger, measuring  $4\frac{1}{2}$  inches across. In color the flowers are a delightful cream shade with the two lower inside petals or segments blending to canary yellow. The throat is splashed with carmine, and the lower ends of the outside petals are also blushed with carmine. The stamens are purple and the stigmas pale carmine, this little addition in the coloring relieving the creamy effect of the petals.

Each 12c., doz. \$1.25, 100 \$10.00.

**No. 55.** (Kunderd.) An extraordinary flower and spike of most delicate creamy white color. Throat of same tint. Stem and calix also white. Worthy of a great name.

Each \$1.50.

**OCTOBEREON.** A beautiful salmon-pink; very distinct. This variety is very scarce.

Each 25c., doz. \$2.50, 100 \$18.00.

**ORANGE GLORY.** See page 108.

**ORION.** Pink rose, with dark blotch, large flower; a splendid novelty.

Each 10c., doz. \$1.00, 100 \$6.00.

**Panama.** An excellent variety and a great improvement on the original variety America; it is a somewhat deeper pink and a very beautiful sort. Spikes are long, flowers large and well arranged.

Each 15c., doz. \$1.50, 100 \$10.00.

**Patrie.** Splendid spike, long and strong stem, with very large well opened flowers of deep rose, suffused violet; center of petal straw color; white band in middle of upper petals.

Each 25c., doz. \$2.50.

**PEACE.** The flowers are a beautiful white, the inferior petals feathered pale lilac; it is not an early bloomer, but if planted with other varieties will flower about the time they are finished.

Each 15c., doz. \$1.50, 100 \$10.00.

**PINK LADY.** See page 108.

**PINK PERFECTION.** Very large blooms of fine form, long spikes, of a beautiful shade of apple blossom pink, similar in color to Carnation Enchantress.

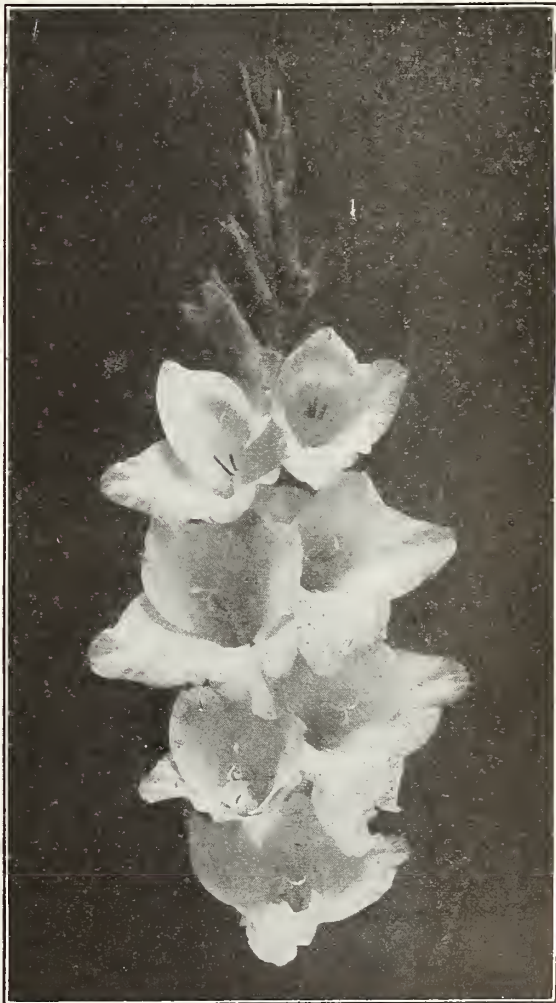
Each 20c., doz. \$2.00, 100 \$16.00.

**PRESIDENT ROOSEVELT.** Tall spikes, large flowers of cherry rose color with crimson blotch on white ground.

Each 25c., doz. \$2.50.

**Primulinus Hybrids.** Delicate self colors. The colors are the most pleasing on account of their delicacy, slenderness and peculiar form. The petals are quite thin, making the veining very prominent, while the colors, which are mostly self, vary from pale yellow to bright orange salmon, apricot and light scarlet. These graceful flowers are of medium size, with the upper segments somewhat drooped, making a quite distinct hooded form.

Doz. 60c., 100 \$4.50.



Myrtle

**Princepine.** Brilliant red with pinkish white blotch, large well expanded flower of good substance. Each 15c., doz. \$1.50, 100 \$10.00.

**Princeps.** Amaryllis-like Gladiolus. Color is a rich crimson, with very deep shading in the throat and broad blotches on the lower petals; the individual flowers are usually  $5\frac{1}{2}$  inches in diameter. Usually three flowers expand fully at one time, while the spike will produce from 12 to 15 flowers. Each 10c., doz. \$1.00, 100 \$7.50.

**RADIANCE.** A grand, big pink; immense flowers of a charming tone of rose pink, slightly framed with deeper lake pink; splendidly filled "stand up" spike. Each 40c., doz. \$4.00.

**Red Amaryllis.** (Kunderd.) Brilliant blood red flower of giant size on medium height plant. Blooms formed like an Amaryllis. A most gorgeous and showy red. Was awarded First for best red at the Society of American Florists' Convention, American Gladiolus Society show, Boston. Each 35c., doz. \$3.50.

**REINE BLANCHE.** With the exception of a very small purple stripe at the base of the throat, the flower is of a glistening white color, turning into blush toward the end of the flowering stage. Each 20c., doz. \$2.00, 100 \$15.00.

**Rochester White.** A pure white clear into the throat, as well as the pollen and anthers. Spikes are well supported, averaging  $2\frac{1}{2}$  to 3 ft. in length; flowers opening to uppermost bud. An excellent variety for shipping and for cutting. Each 30c., doz. \$3.00.



Patrie—See page 121



Schwaben

**Rosalie.** The most free-flowering Gladiolus. Color a pleasing light red, veined lighter or rosy; similar in shape to Brencleyensis. A particular feature of this variety is its lateness in blooming, the flowers appearing to the end of September, when other varieties have finished blossoming. This variety is very free, bearing as a rule four to five strong stalks from one bulb. The spikes are strong and erect and combined with its free-flowering habit, it can be recommended highly for massing effects. The growth is strong and the healthy light green foliage quite attractive. This new variety multiplies very readily by division; usually three to five bulbs produced in a cluster from one season's growth. Each 10c., doz. \$1.00, 100 \$8.00.

**ROSE GLORY.** See page 116.

**ROSELLA.** (Kathryn.) Large, well opened flower, light rose, stained purple and white. Each 20c., doz. \$2.00, 100 \$10.00.

**Sans Pareil.** — Color a very bright orange rose, slightly striped with vermillion, large white blotch; its immense flowers varying from four to five inches in diameter. Each 75c., doz. \$7.50.

**SCARSDALE.** Tall grower, with large, pink lavender-colored flowers, shaded to dark rose. Each 15c., doz. \$1.25, 100 \$10.00.

**Schwaben.** The flowers are of a pure canary yellow, shading to a soft sulphur yellow when opening; the golden yellow center is blotched with a brilliant brownish carmine. Flowers open six to eight at one time. About twenty finely-formed flowers are produced on extremely strong stalks. The foliage is large and vigorous, of a beautiful dark green, which, combined with the brilliant sulphur-colored flowers, makes it very effective for groups and beds. Strong bulbs usually produce from two to three stalks, each throwing a side branch, which greatly extends the flowering period. The brownish blotch is very deeply set in the throat, hardly making any appearance unless each individual flower is examined. Strong bulbs. Each 20c., doz. \$2.00, 100 \$15.00.



White Glory



**SENATOR VOLLAND.** Large flowers; pure blue, dark violet blotch with a yellow strain, striped blue. Each 40c., doz. \$4.00.

**Sulphur King.** The most valuable yellow variety in general use. It produces a very long spike of beautiful clear sulphur yellow; the finest and purest yellow sort. Each 35c., doz. \$3.50.

**Summer Beauty.** (Kunderd.) No finer pink in existence than this superb variety, color a distinct shade of deep salmon, quite tall and very showy. Each 20c., doz. \$2.00.

**VIOLA.** A very large flower of exquisite deep violet blue, gradually shading deeper at the edges, throat having purple garnet blotch, edged soft canary yellow. Each 20c., doz. \$2.00.

**White Glory.** (Kunderd.) A gorgeous pure white of exact size and type as Kunderd's Glory, with its beautiful iris blue throat. Fine as a delicate iris. Grand. Each 50c., doz. \$5.00.

**WILLY WIGMAN.** (First-class certificate.) Creamy white, scarlet blotched, extra large bloom. Each 10c., doz. \$1.00.



## DAHLIAS NEW AND STANDARD VARIETIES

We offer in our grand collection the latest varieties obtainable, as well as all the best standard kinds. We have discarded many of the inferior sorts for those of the same color which have longer or stronger stems, making them more suitable for cutting; or those of good habits, such as height, growth, foliage and keeping quality. Our list contains such varieties as have been well tried and have given excellent results. Dahlia Bulbs are delivered to any Post Office in the United States at prices offered on the following pages. Place your orders early to insure getting your order filled complete. Quantity of a few kinds is somewhat limited.

Circular with instructions for Dahlias sent on application.

### COLLECTIONS FOR 1919

Purchasers not fully acquainted with the qualities of the many Dahlias now in cultivation, but desiring inexpensive, choice, reliable and well varied collections, can do better by ordering our collections. They are of fine habit, wonderfully floriferous, and when large flowers on long stems are desired for garden decoration and cutting, we can highly recommend them.

For collection of special types, see heading of type required.

### SPECIAL COLLECTION (all types)

We recommend this collection with every confidence, the varieties being the very cream of the large number of novelties in the different types of Dahlias and a considerable advance on previously existing sorts.

Margaret Bouchon. (Cactus.) Rose and white.

Rose. (Show.) Bright rose.

Mrs. Warnaar. (Cactus.) White shaded pink.

Attraction. (Pæony.) Lilac rose.

Leo XIII. (Dec.) Yellow.

Geisha. (Pæony.) Scarlet and yellow.

Hortulanus Fiet. (Dec.) Salmon and yellow.

J. C. Ide. (Pæony.) Rosy purple.

Gov. Guild. (Show.) Pure white.

Maurice Rivoire. (Collarette.) Crimson and white.

W. W. Rawson. (Show.) Lavender and white.

Big Chief. (Single.) Crimson and maroon.

Special Collection of the above 12 varieties \$5.00.

### THE FOTTLER, FISKE, RAWSON "ALL STAR" COLLECTION

Containing 12 varieties of Dahlias comprising 4 Cactus, 3 Decorative, 3 Pæony-flowered, 2 Show; our selection, each variety labelled: no two alike. Price, \$1.50.

### CACTUS DAHLIAS Collections—Cactus Type

Celia. Pink.

Kriemhilde. Pink and white.

Countess of Lonsdale. Salmon.

Marblehead. Scarlet.

Dr. G. G. Gray. Crimson scarlet.

Mrs. De Luca. Yellow and orange

Ethel Yeatman. Pink.

Rosy Morn. Peach blossom.

Falcon. Maroon.

Schwan. Pure white.

Goldfason. Apricot.

W. T. Rogers. Maroon and crimson.

Collection of the above 12 varieties \$2.00.

Collection of 25 varieties (including the above and additional varieties) \$3.75.

Alight. Crimson shaded amber.

Falcon. Maroon.

Arminstein. Pure white.

Kriemhilde. Pink and white.

Countess of Lonsdale. Salmon.

Mrs. J. Emberson. Yellow and pink.

The above collection of 6 varieties for \$1.00.

52 **Advance.** An ideal exhibition flower; no larger scarlet Cactus is known; created a sensation in England. 5 ft.  
Each 35c., doz. \$3.50 doz.

90 **ALEXANDRIA.** A grand, dark crimson flower, flushed with maroon; petals of the finest quality, perfect center and splendid habits of growth. 5 ft. Each 20c., doz. \$2.00.

120 **Alight.** Rich fiery orange, center of deep orange; most refined full flower; long stiff stems well above foliage; very early and free-blooming. 5 ft. Each 25c., doz. \$2.50.

160 **AMAZON.** Very large flowers, of perfect form; purple-violet. 4½ ft. Each 20c., doz. \$2.00.

220 **AMOS PERRY.** Bright scarlet flowers on long stems, and carries its flowers way above the foliage; very free. 3 ft. Each 20c., doz. \$2.00.

270 **ANTELOPE.** Rich yellow, suffused bronzy red; good habit and free bloomer. 4 ft. Each 20c., doz. \$2.00.

370 **ARMINSTEIN.** The pure white flowers appear in great abundance; petals are twisted and regular. 3½ ft. Each 20c., doz. \$2.00.

410 **Aurora.** One of the best Dahlias for exhibition; colossal in size; elegant in form; most perfect in type and the most exquisite coloring; attractive soft pink, slightly tipped white, the heart of the flower brilliant golden. 5 ft. Each 35c., doz. \$3.50.

550 **Beloit.** A most remarkable Dahlia; and the most massive Cactus flower in existence, having had several specimens measuring eight inches across and a depth of three inches. The petals are large and thick; the particular feature of this variety is that it carries its heavy flowers entirely erect on stout stems often two feet in length; the color is a purplish crimson. 5 ft. Each 50c., doz. \$5.00.

620 **BLUTENREGEN.** The name implies a shower of bloom; this is true; quite early it begins to throw up a multitude of purplish red blooms and simply exhausts itself in blooming, but not before frost appears. 4 ft. Each 20c., doz. \$2.00.

665 **BRIGADIER.** Rich crimson scarlet; long petals, beautifully incurved; early and free. 3½ ft. Each 20c., doz. \$2.00.



Dorothy

720 **BUTTERFLY.** Most attractive on account of coloring; chocolate crimson, distinctly tipped white; excellent form; large flower. 3 ft. Each 25c., doz. \$2.50.

771 **Celia.** Rich pink, blending to blush at tips; center rosy blush with yellow base. 4 ft. Each 25c., doz. \$2.50.

772 **C. E. WILKINS.** Bright clear salmon pink, overlaying yellow; flowers are extremely large, having immense stems. 5 ft. Each 35c., doz. \$3.50.

775 **CHAS. H. CURTIS.** Rich scarlet-crimson in color, with a large, full and strikingly incurved flower. 5 ft. Each 20c., doz. \$2.00.

790 **CHATERS MATHERS.** A splendid Dahlia of medium dwarf growth but bearing flowers of enormous size; soft yellow shaded orange. 3 ft. Each 20c., doz. \$2.00.

820 **CLADIUS.** A bright bold crimson of the largest size, flowering very freely on long stems quite away from the foliage. Although the flowers are large and of great depth, the florets are graceful and refined. Each 20c., doz. \$2.00.

830 **CLARA.** The fully developed florets of this variety are soft mauve, the extreme tips being white, with a faint edge of mauve. 4 ft. Each 25c., doz. \$2.50.

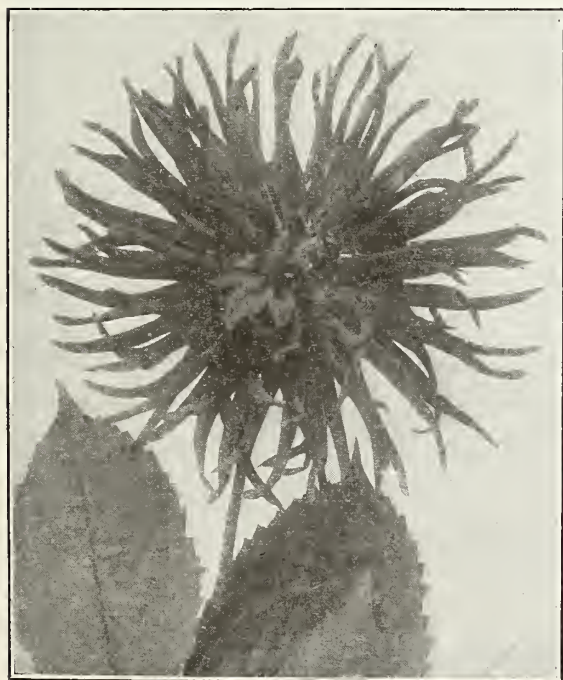
860 **Clincher.** Gigantic Cactus of great depth and immense volume of petals; outer petals heliotrope; gradually lightening to white in the center. 4½ ft. Each 35c., doz. \$3.50.

875 **COLADA.** Rich carmine-cerise, shading to crimson at tips; fine for exhibition use. 4 ft. Each 35c., doz. \$3.50.

880 **COLONEL MOLYNEUX.** Bright crimson with refined narrow petals. 4 ft. Each 25c., doz. \$2.50.

890 **COMEDY.** Sunflower yellow, striped and spotted orange red; the florets are long and narrow, and the flowers are freely produced on good stems. 3 ft. Each 20c., doz. \$2.00.

1000 **Countess of Lonsdale.** For perfection of bloom, size and erectness of stem, abundance of flowers and general use as a garden flower, this variety has always given excellent satisfaction. It is undoubtedly the most profuse bloomer offered. The color is a rich salmon, tinted apricot. 3 ft. Each 20c., doz. \$2.00.



Brigadier



Francis White

- 1020 **Country Girl.** Deep golden yellow, bright amber tips; the bold flowers appear very early and remain large right up till frost. 3½ ft. **Each 20c., doz. \$2.00.**
- 1040 **CREPUSCULE.** Pale orange yellow, the outer petals deepening to deep amber buff; refined flower of beautiful shape; large; extremely early and very free blooming. 4 ft. **Each 20c., doz. \$2.00.**
- 1065 **CYNTHIA.** Old gold, shaded pale red, with center and tips bright yellow; a grand exhibition flower. 3 ft. **Each 20c., doz. \$2.00.**
- 1100 **DAS MARCHEN.** Exquisite pink, with greenish yellow at the center; petals rather broad and thick; good for exhibition. 4 ft. **Each 20c., doz. \$2.00.**
- 1175 **DESDEMONA.** Half of petals canary yellow, other half near tip, of purest white; flowers large on extra long stems and produced in greatest profusion. 3 ft. **Each 20c., doz. \$2.00.**
- 1190 **DIBS.** A bright shade of rose pink, each petal tipped old gold; borne on long stiff stems and very free. 4 ft. **Each 20c., doz. \$2.00.**
- 1235 **DORNROSCHEN.** A splendid Dahlia for the garden as the plant is always covered with flowers borne on wiry stems; color is variable; some are unicolored red, and others rose with white tips. 4 ft. **Each 20c., doz. \$2.00.**
- 1240 **Dorothy.** Lovely silvery pink color, effectively brightened by the showing of the tiny white tips of the reverse of the petals; the flowers are of good size, deep and well formed. 4½ ft. **Each 50c., doz. \$5.00.**
- 1245 **Dorothy Hawes.** This is the first gold medal Cactus Dahlia sent out by Stredwick. Flowers are of large size and of marvelous depth. The color is a clear rosy purple of good habit, the great number of long florets incurve and interlace in an irregular yet beautiful manner. 4½ ft. **Each 75c., doz. \$7.50.**
- 1247 **DR. G. G. GRAY.** The narrow needle pointed florets of this variety will curve and intermingle, forming blooms of great beauty. A self color of a fiery, crimson scarlet. 5 ft. **Each 35c., doz. \$3.50.**

- 1295 **EDITH CARTER.** Yellow heavily suffused bright rosy-carmine; medium-sized refined flower; good erect habit. 4 ft. **Each 50c., doz. \$5.00.**
- 1400 **Emblem.** A choice variety for exhibition use. Plants of excellent habit, with large, heavy stalks, bearing a moderate amount of deep green foliage. Flowers carried well above foliage; color in center of deep primrose, changing toward the points of the petals to a clear rose pink. 5 ft. **Each 50c., doz. \$5.00.**
- 1420 **EMPRESS OF AUSTRIA.** Brilliant rich crimson maroon; very large exhibition flower, with elegant fluted petals. 4 ft. **Each 20c., doz. \$2.00.**
- 1485 **Etendard de Lyon.** (New Introduction). An American type of Cactus, of perfect form. The petals are broad, curled and wavy, and form a flower of immense size. The color is a rich, carmine rose, a most exquisite shade; one of the finest sorts for garden effect. 5 ft. **Each \$1.00, doz. \$10.00.**
- 1490 **ETHEL YEATMAN.** Shell pink with a salmon-colored center; flower of good size and freely produced. 4 ft. **Each 25c., doz. \$2.50.**
- 1530 **ETOILE DE NEUVILLE.** Brilliant chestnut red, shaded orange toward center; height 2 to 2½ ft. **Each 20c., doz. \$2.00.**
- 1540 **ETRURIA.** A most beautiful exhibition Cactus, of a reddish, russety apricot; a vase with Autumn Oak foliage and this flower makes a wonderfully effective combination. 5 ft. **Each 25c., doz. \$2.50.**
- 1570 **Eureka.** Rich velvety, violet-crimson to dusky purple in center; large blooms. 3½ ft. **Each 25c., doz. \$2.50.**
- 1575 **Evening Star.** Bright terra cotta at point of petals, center gold suffused into deeper color toward the upper portion of petals, florets long and pointed and arranged star shaped. **Each 25c., doz. \$2.50.**
- 1580 **Excelsior.** This is one of the most refined and beautiful varieties. The florets are long, and extremely narrow and every bloom comes perfect. Color deep shade of orange. Fine for exhibition. 4 ft. **Each 35c., doz. \$3.50.**
- 1607 **FALCON.** A beautiful dark maroon; fine long straight petaled flower; a fine dark sort; the color resembling J. H. Jackson, with much finer petals. 4 ft. **Each 25c., doz. \$2.50.**
- 1640 **FERONIA.** Height 2 feet; soft delicate pink; flowers large. **Each 20c., doz. \$2.00.**
- 1660 **F. H. CHAPMAN.** A lovely blending of colors; yellow, shaded with deep orange; very bright and effective. 4 ft. **Each 20c., doz. \$2.00.**
- 1705 **FLAME.** Orange scarlet; florets are long and twisted; flower is carried on a good stem. 4 ft. **Each 20c., doz. \$2.00.**
- 1710 **Flieder.** A very large perfect flower, with an entirely new shade, soft lilac. 4 ft. **Each 20c., doz. \$2.00.**
- 1720 **FLORADORA.** Wine crimson, splendid shaped flowers, on long wire stems, well above the foliage. 4 ft. **Each 20c., doz. \$2.00.**
- 1740 **FLORENCE M. STREDWICK.** The flowers are large and of splendid shape; a very fine pure white variety. **Each 25c., doz. \$2.50.**
- 1750 **Francis White.** (New introduction). A charming white variety quite distinct and free flowering, the florets curling and twisting, giving a novel effect. 5 ft. **Each 75c., doz. \$7.50.**
- 1770 **Frederick Wenham.** Flowers have florets of extreme length and narrow throughout. In form the flowers are partially incurved, but the florets are also irregularly whorled and twisted, giving the flower a most graceful appearance. The whole of the buds on the main stems may be left, as side buds produce flowers quite large enough for exhibition. Color warm fawn-pink, with soft salmon at the center. 5 ft. **Each 50c., doz. \$5.00.**

- 1830 **F. W. Fellows.** Undoubtedly the best (New introduction). variety of recent introduction in the cactus type, having fine form and habits. Flowers are extra large on very long stems, and remarkably constant. Color orange scarlet with long straight florets. 5 ft.

Each 75c., doz. \$7.50.

- 1890 **George Walters.** The largest cactus dahlia in existence; wonderful coloring of bright pink suffused with old gold. The enormous flowers are borne on long stems well above the foliage. 5 ft.

Each \$2.50.

- 2000 **Gigantic.** (New introduction). A monster exhibition Cactus. The blooms are of enormous size, more massive than wide and the form is perfection. Color pure, old gold; a very rare and choice novelty. 4½ ft.

Each \$1.00.

- 2055 **Glory of Wilts.** The finest yellow Cactus Dahlia; beautiful, bright, clear yellow of large size and very free. 5 ft.

Each 25c., doz. \$2.50.

- 2060 **GALUCKAUF.** Height 2 feet; brilliant orange scarlet.

Each 20c., doz. \$2.00.

- 2070 **GOLDFASON.** A beautifully formed Cactus Dahlia; petals arranged in perfect regularity; color a light apricot. 4 ft.

Each 20c., doz. \$2.00.

- 2100 **Golden Eagle.** Bright yellow with suffusion of rose and fawn which deepen toward the tips; the habit is perfect with strong, erect stems, carrying blooms of excellent form and size, long, narrow, incurving petals. 5 ft.

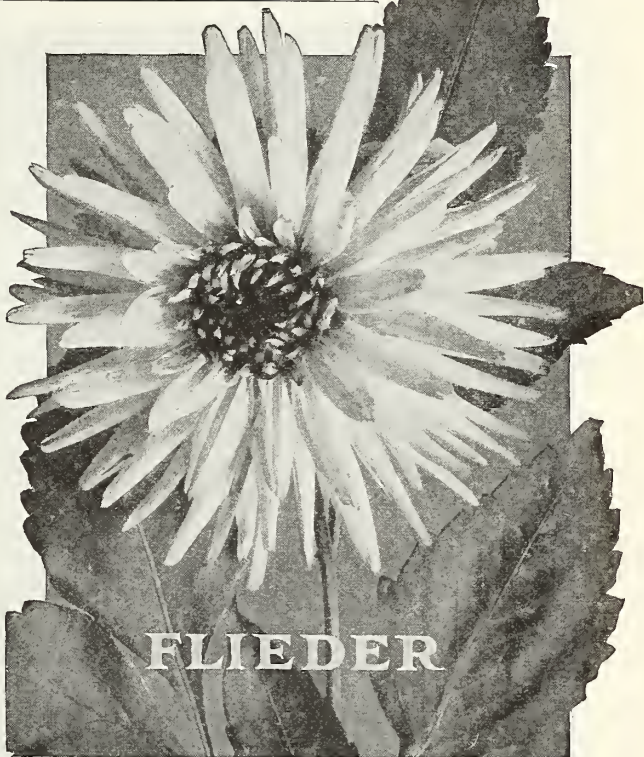
Each 35c., doz. \$3.50.

- 2105 **GOLDREGEN.** One of the freest blooming Dahlias, of a deep golden color; of splendid form. 3½ ft.

Each 25c., doz. \$2.50.

- 2155 **Graphic.** Quite a distinct new sort, flowers of medium size, petals beautifully incurved. The color a very dark purple, distinctly tipped with white, making one of the most attractive varieties ever offered. 3 ft.

Each 50c., doz. \$5.00.



- 2180 **GRENADIER.** Extremely free blooming. Plants are dwarf and compact and do not require stalking; color orange pink, with a faint suspicion of bluish shading at tips of the petals. 3½ ft.

Each 20c., doz. \$2.00.

## 2200 Gwendoline Tucker.

Flowers large; the very long claw-shaped petals, which are gracefully incurved and abundant, form a flower of great depth and beauty. Color pale flesh pink, nearly white in the center. 4 ft.

Each 50c., doz. \$5.00.

- 2230 **HARBOUR LIGHT.** Color vivid orange red, shading off to flame at the point; very free and distinct. 4 ft.

Each 20c., doz. \$2.00.

- 2270 **HARZER KIND.** Height 24 inches, very effective; plants when fully developed appear like huge balls completely enveloped by the pink flowers which appear incessantly from early until late.

Each 20c., doz. \$2.00.

- 2280 **Havel.** Absolutely distinct in formation of flower, resembling very much a pond lily. Even the petals are of the same make-up. Color a clear salmon with a more brilliant colored center.

Each 35c., doz. \$3.50.

- 2415 **H. H. THOMAS.** The habit of the plant is excellent, a free bloomer, long straight stems and a beautiful well formed flower of a rich deep crimson with long incurving petals. 4 ft.

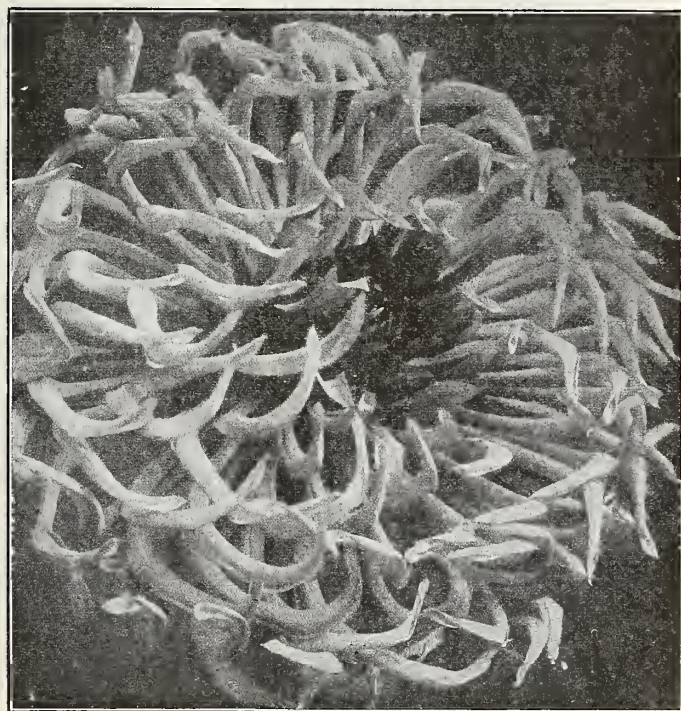
Each 25c., doz. \$2.50.

- 2480 **H. SHOESMITH.** Crimson scarlet; one of the narrowest petaled Dahlias in existence; very free and center always good. 3 ft.

Each 20c., doz. \$2.00.

- 2585 **IOLANTHE.** The plants have a wiry, erect habit and flower with the utmost freedom; the blooms are large and of exceptional depth; color deep coral red, every floret distinctly tipped with gold. 3 ft.

Each 25c., doz. \$2.50.



Cactus Dahlia, Gigantic.



Goldfason

- 2610 **Irresistible.** The flower stems are strong, carrying huge flowers of the most incurved and interlacing form. It is advisable to make the plants break low down and carry up as much young growth as possible. Color yellow but suffused with rose, a band of rose color running up each side of the florets. 4½ ft. **Each 50c., doz. \$5.00.**
- 2630 **Ivornia.** Bright salmon fawn with lighter center; long wiry stems carried well above foliage. 5 ft. **Each 25c., doz. \$2.50.**
- 2670 **J. B. RIDING.** A fine exhibition variety; the petals are very long, narrow, full and beautifully incurved, forming a flower of the highest quality; color is a rich yellow at base of petals, shading to a deep orange, tinged with apricot. 4 ft. **Each 20c., doz. \$2.00.**
- 2675 **John Riding.** (New introduction). A rich deep crimson with large incurved blooms of the finest form, borne on long stems. One of the largest Cactus varieties grown. 5 ft. **Each 75c., doz. \$7.50.**
- 2750 **J. H. Jackson.** The finest dark Cactus Dahlia; brilliant crimson maroon; perfect flowers with long, narrow, pointed florets; early and free bloomer. 3 ft. **Each 25c., doz. \$2.50.**
- 2780 **Kalif.** A monster Cactus of perfect form. Color is a rich, pure scarlet. The large flowers are borne on long, stiff stems, and are held erect. A most satisfactory variety. 5 ft. **Each 75c., doz. \$7.50.**
- 2852 **KARFUNKELSTEIN.** Height 24 inches, dark blood red. **Each 20c., doz. \$2.00.**
- 2870 **Kathleen Bryant.** Deep, rich velvety crimson flowers; good form, large center. 3 ft. **Each 25c., doz. \$2.50.**
- 2900 **Kingfisher.** Pure lilac, with lighter disc round center; large flower and regularly incurving florets of good substance. The flower stems are long and heavy. 5 ft. **Each 35c., doz. \$3.50.**

- 2980 **KRIEMHILDE.** The queen of the Cactus Dahlias; flesh delicate pink, shading to white in the center; a fine variety for cutting, with good keeping qualities. 3½ ft. **Each 20c., doz. \$2.00.**
- 3040 **LAVERSTOCK BEAUTY.** Soft vermilion scarlet. 4 ft. **Each 20c., doz. \$2.00.**
- 3050 **Lawine.** Color pure white. The loosely formed flowers of great size completely hide the foliage of the entire plant. 4 ft. **Each 25c., doz. \$2.50.**
- 3090 **LIBELLE.** A striking variety; color a deep rose magenta; very free flowering. 3 ft. **Each 25c., doz. \$2.50.**
- 3130 **LORD OF THE MANOR.** Fiery scarlet, base golden yellow; free bloomer. 4 ft. **Each 20c., doz. \$2.00.**
- 3170 **Lovely Eynsford.** Lovely amber colored; a distinct and striking color; very bright and effective. 4 ft. **Each 25c., doz. \$2.50.**
- 3210 **Lucifer.** The largest bronze colored Cactus Dahlia; a perfect monster in size. Free blooming, splendid for exhibition. 5 ft. **Each 50c., doz. \$5.00.**
- 3230 **LUSTRE.** Scarlet-vermilion to crimson in center; a good all-around variety. 3½ ft. **Each 25c., doz. \$2.50.**
- 3350 **Mme. Henry Cayeux.** The long narrow petals are beautifully arranged and form a most exquisite flower; the color a bright pink, with white tip of enormous size. 4 ft. **Each 50c., doz. \$5.00.**
- 3430 **MAGPIE.** Rich maroon heavily tipped with white; constant and free blooming. 3 ft. **Each 20c., doz. \$2.00.**
- 3437 **Magnet.** Pinkish white with a conspicuous amethyst shading toward the tips of petals. 5 ft. **Each 20c., doz. \$2.00.**
- 3485 **Marblehead.** The form and color are original and distinct. The gigantic blooms which easily measure 7 inches in diameter are a soft scarlet. 4 ft. **Each 25c., doz. \$2.50.**



Glory of Wilts

- 3500 **Margaret Bouchon.** The plant has deep green foliage, and throws the flowers far above on stout stems; the form is perfect; color a magnificent shade of brilliant rose with very large white center and defined white tips.

Each 50c., doz. \$5.00.

- 3570 **MASTER CARL.** A gigantic Dahlia of perfect form and bright amber color; immense petals of graceful curve. Each 35c., doz. \$3.50.

- 3620 **Melody.** Color clear yellow for half the length of the florets, the remainder being pure white flowers of good size and great depth. Each 75c., doz. \$7.50.

- 3650 **MERCURY.** Flower of unusual formation; florets curl, twist and incurve. Plants are dwarf; flowers are very large; color deep yellow at base, to lighter yellow at tips, the whole thickly striped, splashed and speckled with crimson.

Each 25c., doz. \$2.50.

- 3715 **Miss Stredwick.** The color is a soft yellow at base quickly changing to a lovely tint of deep pink, which again returns to a lighter shade at the tips of the florets. The form of flower is excellent and center perfect, and flower stem good. Each 50c., doz. \$5.00.

- 3725 **MODERN.** The color of this recent introduction is quite difficult to describe; it is fine lilac rose mixed with salmon pink, with center deep yellow.  $3\frac{1}{2}$  ft. Each 20c., doz. \$2.00.

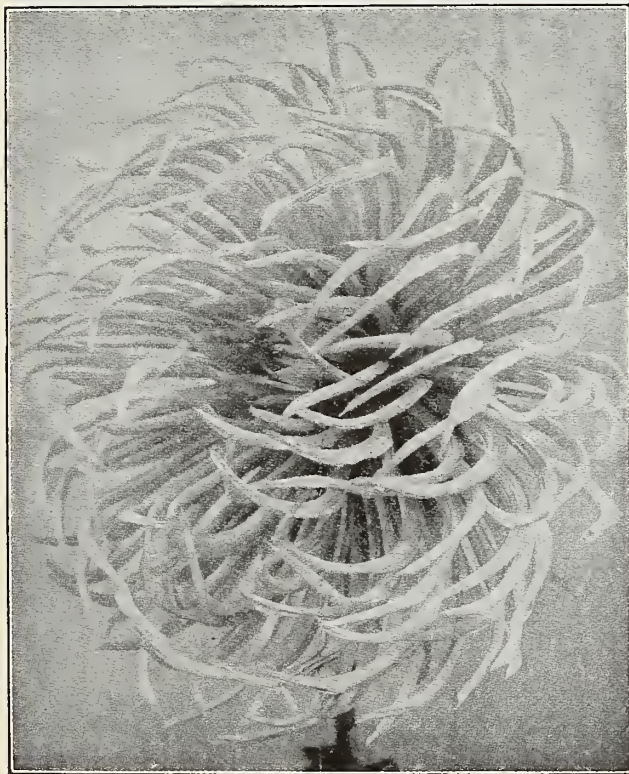
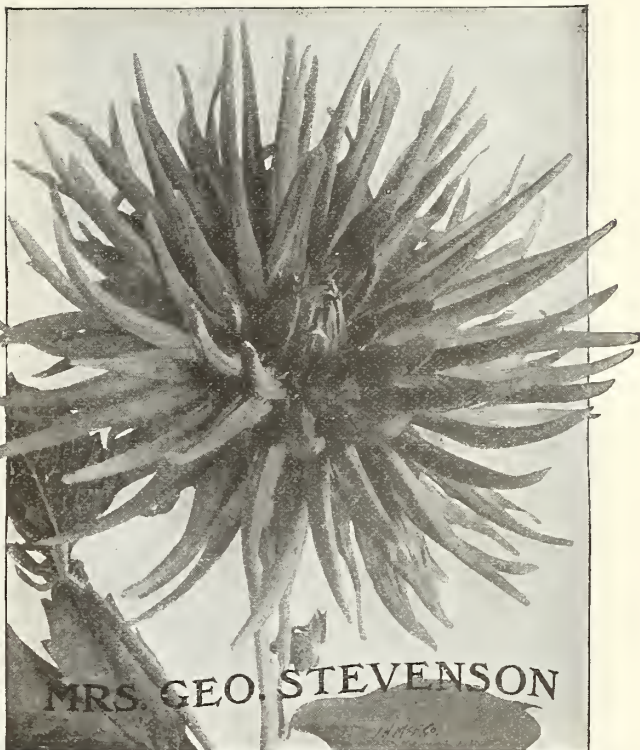
- 3772 **M. Inman.** A magnificent orange scarlet with its many blooms making it of quite a dazzling effect. 4 ft.

Each 25c., doz. \$2.50.

- 3730 **Monarch.** A large and beautiful Cactus with claw-like, incurved petals; orange red, tipped with lavender, quite showy. 4 ft. Each 25c., doz. \$2.50.

- 3790 **MONT BLANC.** A magnificent pure white Cactus Dahlia without the faintest tinge of green and of perfect form. Petals are long narrow and slightly incurved. 4 ft.

Each 20c., doz. \$2.00.



Miss Stredwick

- 3870 **MRS. CLINTON.** Large, perfect blooms appear during the entire season. Deep orange yellow at base of petals, shading off to pale salmon red at points.  $3\frac{1}{2}$  ft. Each 25c., doz. \$2.50.

- 3880 **MRS. COZENS.** Fancy maroon, heavily tipped white florets; long, incurved, making a lovely flower. 4 ft. Each 25c., doz. \$2.50.

- 3885 **Mrs. C. H. Breck.** Massive flowers showing well above foliage; carmine splashed and streaked, shades of white and yellow. 4 ft. Each 50c.

- 3900 **MRS. DE LUCA.** Remarkably free-blooming variety; color beautiful rich shading of yellow and orange, a lovely blending of tints. Each 20c., doz. \$2.00.

- 3910 **Mrs. Douglas Fleming.**

The finest white Cactus yet raised. The florets are exceedingly narrow, and so numerous that they make a most massive flower.  $3\frac{1}{2}$  ft. Each 50c., doz. \$5.00.

- 3940 **MRS. F. GRINSTEAD.** Deep rich crimson with just a suspicion of purple shading. Form of flower of the best incurved type. 3 ft. Each 25c., doz. \$2.50.

- 3945 **Mrs. Ferdinand Jeffries.**

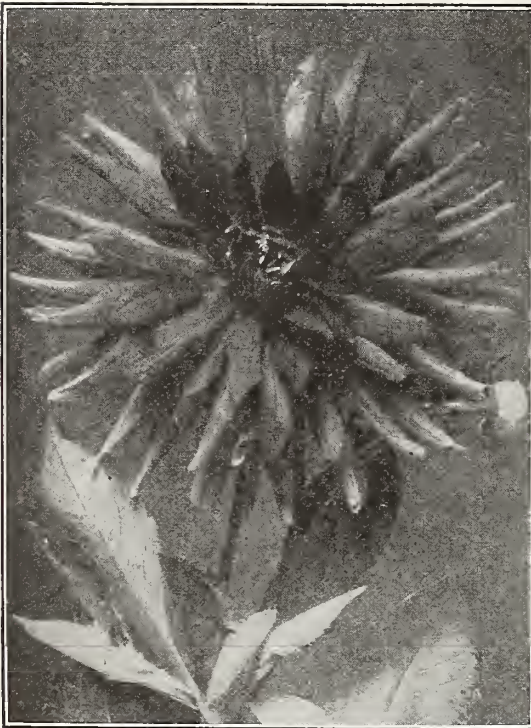
One of the largest Cactus Dahlias, will often measure 8 to 9 inches across. In formation the flower is irregular, its long petals being curved and twisted. Color deep velvety red. Each 50c., doz. \$5.00.

- 3950 **MRS. GEO. STEVENSON.** One of the best yellow Cactus flowers; large narrow petals; star-shaped. 4 ft.

Each 20c., doz. \$2.00.

- 3960 **MRS. H. J. JONES.** Scarlet, edged cream, heavily striped with white. 4 ft. Each 20c., doz. \$2.00.

- 3985 **Mrs. J. Emberson.** Pale lemon speckled rosy pink, the large blooms are incurved and made up of twisted florets. 4 ft. Each 25c., doz. \$2.50.



**Phineas**

4050 **MRS. J. P. MACE.** The best and finest shaped blush pink variety; its color is so delicate and pleasing.

Each 25c., doz. \$2.50.

4100 **MRS. MacMILLAN.** White in center, deepening to a beautiful pink at tips; incurved form.

Each 25c., doz. \$2.50.

4136 **Mrs. Stephens.** This variety is decidedly unique, being a pale primrose, reminding one of the Sweet Pea "Clara Curtis," of clearer tint.

Each 50c., doz. \$5.00.

4140 **MRS. STRANACH GASKILL.** Lovely rose pink, with white reflex; a large and magnificent flower.

Each 20c., doz. \$2.00.

4145 **MRS. WALTER BAXTER.** A grand variety; is large, early and blooms are produced freely. The color is shaded crimson. Plants of good habit.

Each 20c., doz. \$2.00.

4147 **Mrs. Warnaar.** Large elegant flowers of a creamy white, shaded pink. Flowers on long, stiff stems. A garden Cactus of superior quality.

Each 75c., doz. \$7.50.

4148 **Mrs. William Howard Taft**

A Cactus Dahlia with a rigid stem, flowers face forward. The individual petals are fluted to the center and curve half inward toward the center. Its charming color, a La France rose with a clear white center. Flowers quite freely, 4 ft.

Each 50c., doz. \$5.00.

4180 **NANTWICH.** A variety of good form and habit. The blooms, which are very large, are of a light bronzy orange, deeper towards the base of the flowers, which are slightly incurved.

Each 75c., doz. \$7.50.

4210 **Nelson.** Deep rich crimson, shaded magenta; flowers of largest size, formed of numerous long twisted and interlacing florets.

Each 25c., doz. \$2.50.

4235 **New York.** Massive flower with regularly incurving petals and borne on strong stems, the habit being perfect; color orange yellow in the center shading off to deep bronze salmon. 4½ ft.

Each 35c., doz. \$3.50.

4300 **NUBIAN.** A fine, very dark maroon variety of the color of J. H. Jackson, but of a more upright habit of flower stems.

Each 25c., doz. \$2.50.

4340 **OLIVER TWIST.** A fine incurved variety; quite attractive; rich crimson scarlet; petals fine twisted.

Each 20c., doz. \$2.00.

4352 **Olympic.** Deep rich crimson color, and truly massive proportions, many flowers measuring eight inches across and being exceptionally incurved, the flowers being of sufficient size and remaining full in the center.

Each 50c., doz. \$5.00.

4355 **Onward.** The florets being very narrow and so incurved and twisted and interlaced as to form an almost globular flower. The color is pink throughout but of different shades graduating from tips to base.

Each 50c., doz. \$5.00.

4385 **OTHELLO.** Extremely early and free; flowers are borne on straight dark colored stems far above the foliage; color deep blood red.

Each 20c., doz. \$2.00.

4410 **PERLE DE LYON.** Pure white; very free blooming and dwarf.

Each 35c., doz. \$3.50.

4435 **PERSEPHONE.** One of the finest garden Dahlias, for cutting in September and October, color creamy white.

Each 20c., doz. \$2.00.

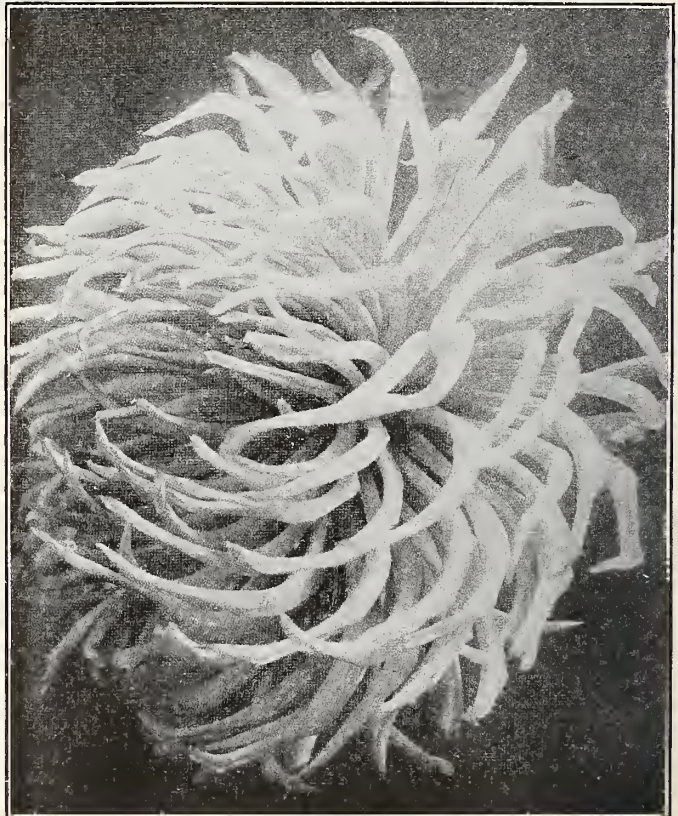
4440 **Phineas.** Crimson scarlet, the base of the petals shaded orange, a large bold flower with long, brilliant colored petals.

4450 **PINDAR.** The most free-flowering Cactus Dahlia of recent introduction. Flowers large, of a rich purplish violet color.

Each 20c., doz. \$2.00.

4460 **PINK PEARL.** Beautiful flesh pink, shading to white in the center.

Each 25c., doz. \$2.50.



**Cactus Dahlia, Mrs. Stephens**

- 4520 **Pride of Essex.** One of the most constant and reliable. The blooms are large and well formed, of a rich bright yellow shade. 3 ft. **Each 35c., doz. \$3.50.**
- 4600 **FUCK.** Height, 20 inches; orange scarlet. **Each 20c., doz. \$2.00.**
- 4685 **RED ADMIRAL.** One of the most brilliant Dahlias in existence, the color being a rich, fiery scarlet; blooms of the largest size, full in center. 5 ft. **Each 35c., doz. \$3.50.**
- 4690 **Redcoat.** The flowers are very large, petals heavy and of great substance. Color a bright glowing scarlet. Plants of excellent habit strong and robust, with long, strong stems standing well out. 5 ft. **Each 50c., doz. \$5.00.**
- 4740 **Rene Cayeux.** One of the best free-blooming Cactus Dahlias, the plants are literally covered with blooms from July until frost; the flowers are quite large, of a beautiful ruby crimson. 3 ft. **Each 35c., doz. \$3.50.**
- 4760 **Rev. Arthur Bridge.** Producing its flowers on erect stems; coloring exceedingly beautiful, being a bright yellow, heavily tipped with deep rose pink. 3½ ft. **Each 35c., doz. \$3.50.**
- 4805 **REV. T. W. JAMIESON.** Large flowers on upright rigid stems; blooms incurved toward center; color yellow changing to lilac rose, the older florets having edges of a deeper color; the extreme tips yellow. 4½ ft. **Each 25c., doz. \$2.50.**
- 4810 **Rheinischer Frohsinn.** The long incurving petals are white at the base, gradually changing to a luminous carmine rose, the colors combining harmoniously in forming a most attractive flower. A refined variety of splendid habit. 4½ ft. **Each 50c., doz. \$5.00.**
- 4820 **Richard Box.** A pleasing shade of soft yellow, the long incurving florets forming a beautiful exhibition flower. It flowers early and maintains a steady average of fine flowers. 3½ ft. **Each 50c., doz. \$5.00.**
- 4860 **Rosea Superba.** One of the best Cactus Dahlias for cutting; the massive flowers are grown in great profusion, a single flower on a stiff erect stem; flowers are quite large, perfect and of a lovely rose color. 5 ft. **Each 20c., doz. \$2.00.**
- 4900 **Rosy Morn.** A large flower of excellent form and very constant; the color is peach blossom, somewhat paler in tint toward the base. 4 ft. **Each 20c., doz. \$2.00.**
- 4910 **ROYAL SCARLET.** Immense flower of long narrow petals; color pure scarlet; very striking. 4 ft. **Each 20c., doz. \$2.00.**
- 4935 **Ruth Forbes.** The massive clear pink flowers, composed of heavy petals, are often accompanied by stems measuring 2 feet in length, extra stout and excel any other variety for large vase purposes. 5 ft. **Each 35c., doz. \$3.50.**
- 4980 **Saxonia.** Rich red purple with bright purple shading; flowers large and of good shape. 4 ft. **Each 25c., doz. \$2.50.**
- 5010 **SCHONE ELSE.** A magnificent variety for cutting or garden decoration; bearing flowers on extremely long stems. The plants attain a height of 4½ feet. Flowers are perfect; pure white with a slight tint of lavender rose. 4 ft. **Each 20c., doz. \$2.00.**
- 5020 **SCHONE ROSE.** Clear pink, tipped white at the end of the petals, center a soft green, petals fine and straight. 4 ft. **Each 20c., doz. \$2.00.**
- 5030 **Schwan.** Free blooming pure white Cactus Dahlia. The giant flowers of glistening white and their petals narrow and twisted. The flowers appear quite early and continue to bloom in such profusion that the foliage is almost hidden with flowers. 3½ ft. **Each 25c., doz. \$2.50.**
- 5100 **Simplicity.** Large flowers of the true elegant Cactus type. Color is a fine soft lilac rose, produced on long stems which hold their heads up. **Each 75c., doz. \$7.50.**
- 5313 **STORMER.** Very large, of finest form and deep scarlet. 4 ft. **Each 35c., doz. \$3.50.**
- 5400 **T. G. Baker.** One of the finest yellow Cactus for the exhibition table; the narrow, long incurved petals form almost perfect flowers, which often measure 7 inches across; color clear yellow. 3½ ft. **Each 25c., doz. \$2.50.**
- 5415 **THE IMP.** ("The Black Dahlia.") A remarkable flower, being found perfectly black. A beautifully formed flower with long, claw-like petals and borne on long stems. 3 ft. **Each 50c., doz. \$5.00.**
- 5425 **THOMAS PARKIN.** Petals very narrow and incurved; the blooms all of great depth and remain in perfect condition for a long time; the color is a uniform light terra cotta. 3 ft. **Each 20c., doz. \$2.00.**
- 5185 **Snowdon.** One of the finest white Cactus Dahlias; an excellent exhibition flower. 3 ft. **Each 35c., doz. \$3.50.**
- 5188 **SNOWSTORM.** A large, bold white flower of fine form, moderately incurved, plants dwarf and sturdy; early flowering. 3 ft. **Each 35c., doz. \$3.50.**
- 5195 **Sovereignty.** One of the largest Cactus Dahlias; color pure yellow, flowers are deep with long, straight, narrow florets. The plants are strong and healthy, producing a long succession of fine bloom. 4 ft. **Each 75c., doz. \$7.50.**
- 5535 **UNDINE.** Soft lilac pink, lighter toward the center to almost white. Plants of dwarf habit. 3 ft. **Each 20c., doz. \$2.00.**
- 5545 **Uranus.** It is a most beautiful exhibition flower of finest incurved form and the quantity of perfect blooms produced is surprising. It is a Fancy Cactus, the ground color white, thickly speckled and striped with vermillion scarlet. **Each 50c., doz. \$5.00.**
- 5558 **Vedetta.** Brightest scarlet, distinctly tipped with white. 4 ft. **Each 35c., doz. \$3.50.**



Simplicity

- 5620 **VIVID.** Bright orange scarlet. 3 ft. **Each 20c., doz. \$2.00.**
- 5675 **VULCAN.** A fine Cactus for garden decoration and cutting; color orange scarlet shaded a little darker in the center. 4 ft. **Each 20c., doz. \$2.00.**
- 5717 **Wellington.** Immense flower of glowing crimson with a shade of purple toward tips. 4½ ft. **Each 35c., doz. \$3.50.**
- 5810 **WM. MARSHALL.** A great exhibition sort; a flower of gigantic size. Color rich orange with bright yellow in center. 5 ft. **Each 25c., doz. \$2.50.**
- 5812 **Wodan.** An immense flower of the American Cactus type with broad semi-incurved tubular petals of a delicate salmon shading to old gold. 5 ft. **Each 35c., doz. \$3.50.**
- 5815 **W. T. ROGERS.** Velvety maroon with a crimson shade; blooms are large and produce freely. 4 ft. **Each 25c., doz. \$2.50.**

## Show and Fancy Dahlias

This is the old-fashioned ball-shaped Dahlia, large and best known of all. We make no effort to increase our collection; in fact, we have discarded those which as Fancy Dahlia is tipped or variegated.

### Collections.

**Acquisition**, mauve  
**Cuban Giant**, maroon  
**Dreer's White**, pure white  
**Gold Medal**, yellow and red  
**Lucy Fawcett**, yellow striped lilac  
**Meteor**, bright red  
Collection of 12 varieties above \$3.50.

**Acquisition**, mauve  
**Cuban Giant**, maroon  
**Dreer's White**, pure white  
Collection of the above 5 varieties for \$1.00.

8600 **Acquisition**. Rich, royal, deep mauve; splendid exhibition flower. 4½ ft. Each 25c., doz. \$2.50.

8610 **A. D. LIVONI**. Soft pink 4 ft. Each 20c., doz. \$2.00.

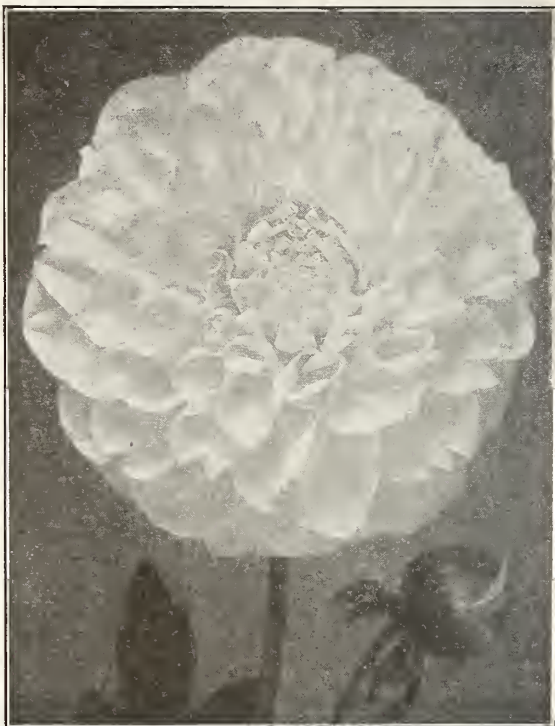
8630 **ANSONIA**. Rich shade of deep purple, distinctly edged lavender purple. 4 ft. Each 35c.

8820 **Cuban Giant**. An immense ball of bright maroon; free and early. 5 ft. Each 25c., doz. \$2.50.

8840 **David Warfield**. Extra good form and habit, producing its mammoth flowers of deep cherry red on long wiry stems. 4 ft. Each 50c., doz. \$5.00.

8860 **DOROTHY PEACOCK**. An exquisite, bright, shell pink, show Dahlia. The flowers are of large size and good form. 4 ft. Each 35c.

8895 **Dreer's White**. Plants grow about 3 feet high in symmetrical round form and beautiful glistening white flowers are carried on long, wavy stems. Each 35c., doz. \$3.50



Estelle Christy



Gloire de Paris

9032 **Estelle Christy**. Color is a bright lemon yellow. The enormous blooms, which average 7 to 9 inches in diameter, are borne on long rugged stems. Each 75c., doz. \$7.50.

9035 **FASCINATION**. Rose pink, striped white free blooming. Each 20c., doz. \$2.00.

9040 **FLORENCE TRANTER**. Blush white, distinctly edged rosy purple; a good flower; very constant. 3½ ft. Each 25c., doz. \$2.50.

9070 **FRANK SMITH**. Deep maroon, white tips. 4½ ft. Each 25c., doz. \$2.50.

9090 **General Miles**. The flowers are the largest of the fancy type, color a clear violet rose, heavily striped and spotted purple; a real prize winner. 4 ft. Each 75c., doz. \$7.50.

9110 **Gloire de Paris**. The largest of all show Dahlias; color a deep purple scarlet with velvety reflex. 4 ft. Each \$1.00, doz. \$10.00.

9140 **Gold Medal**. Bright canary yellow, regularly marked with fine stripes and splashes of deep red. 4 ft. Each 35c., doz. \$3.50.

9200 **Governor Guild**. Color is a clear white. The flower is perfect in shape, full and round, exquisitely fluted petals. The spread of the flower is 5 inches. They are borne on long, erect stems. 4½ ft. Each 35c., doz. \$3.50.

9220 **GRACCHUS**. Bright orange buff; good outline. 3 ft. Each 25c., doz. \$2.50.

9230 **GRAND DUKE ALEXIS**. Color white tinged soft lavender under the edges; petals quilled. 4 ft. Each 20c., doz. \$2.00.

9300 **Ivanhoe**. An enormous sized show Dahlia of a snow white, beautifully edged pinkish lavender. 4 ft. Each 75c., doz. \$7.50.

9440 **Le Colosse**. Immense size; deep red; flatly built. 4 ft. Each 50c., doz. \$5.00.

- 9500 **Lucy Fawcett.** Pale yellow, striped lilac. 4 ft. Each 25c., doz. \$2.50.
- 9620 **MAUD ADAMS.** The color a pure snow white, very effectively overlaid clear pink; flowers of good size. 4 ft. Each 50c., doz. \$5.00.
- 9645 **METEOR.** Bright red; very large. 3½ ft. Each 25c., doz. \$2.50.
- 9690 **MISS ALICE KING.** Ivory white shaded and edged rose. 4 ft. Each 25c., doz. \$2.50.
- 9840 **Mrs. Gordon Abbott.** A giant in size and distinct in coloring; measures 5½ inches. The color is brightest golden, mottled, speckled and striped intense scarlet. The flowers are well formed, very full and double. The outer petals flatten when the flower comes to perfection. Each 50c., doz. \$5.50.
- 9870 **MRS. LANGTRY.** Cream, edged crimson; of fine form. 3 ft. Each 25c., doz. \$2.50.
- 9940 **NORMA.** Bright orange buff. 4 ft. Each 25c., doz. \$2.50.
- 10021 **Prof. Fawcett.** New English Fancy Dahlia. The ground color lilac, being beautifully striped chocolate; a decided acquisition. 4 ft. Each 50c., doz. \$5.00.
- 10022 **Purple Duke.** Color a rich purple, formation of flowers beautifully quilled, resembling Grand Duke Alexis. 4 ft. Each 50c., doz. \$5.00.
- 10030 **QUEEN VICTORIA.** Canary yellow. 5 ft. Each 20c., doz. \$2.00.
- 10050 **REV. J. E. M. CAMM.** Deep yellow, and flaked light red; flowers of good size; very free. 4 ft. Each 25c., doz. \$2.50.
- 10110 **Rose.** A remarkable Dahlia of decided formation; each large tube has a smaller one inserted; petals are open and form an enormous flower. Color a bright rose; flowers are carried erect on stems 3 feet in length and are exceedingly free blooming. 4½ ft. Each 35c., doz. \$3.50.
- 10150 **ROSEBUD.** Flowers large and perfect; color white, effectively edged rose pink; plants dwarf and bushy, producing an abundance of flowers. 4 ft. Each 50c., doz. \$5.00.
- 10170 **Ruth.** Bright orange buff. Well formed flowers with long stems borne in great profusion well above the foliage. Each 50c.
- 10225 **STANDARD.** A rich, dark chocolate color; large flowers with high center. 4 ft. Each 25c., doz. \$2.50.
- 10230 **STRADELLA.** Color deep purple crimson, quite loosely arranged, with deep cup and shaded petals. The flowers are perfectly round when in full bloom with long graceful stems. 4½ ft. Each 25c., doz. \$2.50.
- 10260 **Vivian.** A perfect blending of colors. Pure white, distinctly edged rose violet, flowers of perfect type and form, full and deep. 4 ft. Each 75c., doz. \$7.50.

- 10282 **WHITE SWAN.** Pearly white. 4 ft. Each 25c., doz. \$2.50.
- 10284 **WM. DODDS.** A good clear yellow of great depth with a good center, extra large size; fine for exhibition. 4 ft. Each 35c., doz. \$3.50.
- 10320 **W. W. Rawson.** The graceful flowers are borne on stiff, erect stems. The petals toward the center are quilled, toward the outer part they are more open and flat. The entire flower is absolutely perfect in outline and formation. The color is pure white, overlaid amethyst blue. 4 ft. Each 50c., doz. \$5.00.
- 10330 **YELLOW DUKE.** A splendid primrose yellow of good form and always in flower; fine for cutting. 4½ ft. Each 25c., doz. \$2.50.



Gold Medal

## Decorative Dahlias COLLECTIONS

**BULL MOOSE**, strawberry color  
**DELICE**, pink  
**D. M. MOORE**, maroon  
**GIANT PURPLE**, purple

**GIGANTEA**, yellow  
**HORTULANUS FIET**, salmon  
**HORTULANUS WHITE**, white  
**LA FRANCE**, rose and pink

**LE GRAND MANITOU**, white and violet  
**MRS. FLEERS**, red and rose  
**MRS. ROOSEVELT**, light pink  
**SEMIRAMIS**, pink and yellow

Collection of above 12 varieties \$3.00.

Collection of 25 varieties (including above and additional varieties) \$5.50.

**ALPHONSE ISORE**, scarlet  
**HORTULANUS WHITE**, pure white

**LA FRANCE**, rose pink  
**MRS. FLEERS**, red and rose  
Collection of 6 varieties for \$1.25

**MRS. ROOSEVELT**, light pink  
**SEMIRAMIS**, pink suffused yellow

- 6000 **A. E. Johnson.** A massive flower of pure white overlaid with clear rose pink; very effective for decoration. 4 ft. Each 50c., doz. \$5.00.
- 6005 **ALICE ROOSEVELT.** White, shaded lilac, strong stems, free flowering. 4 ft. Each 35c., doz. \$3.50.

- 6010 **ALPHONSE ISORE.** Rich garnet with violet on reflexed side of petals; medium large flower, produced on long stems. 4 ft. Each 20c., doz. \$2.00.
- 6025 **American Beauty.** One of the most perfect Decorative Dahlias, of a new wine crimson shade; exceedingly attractive. 4 ft. Each 50c., doz. \$5.00.

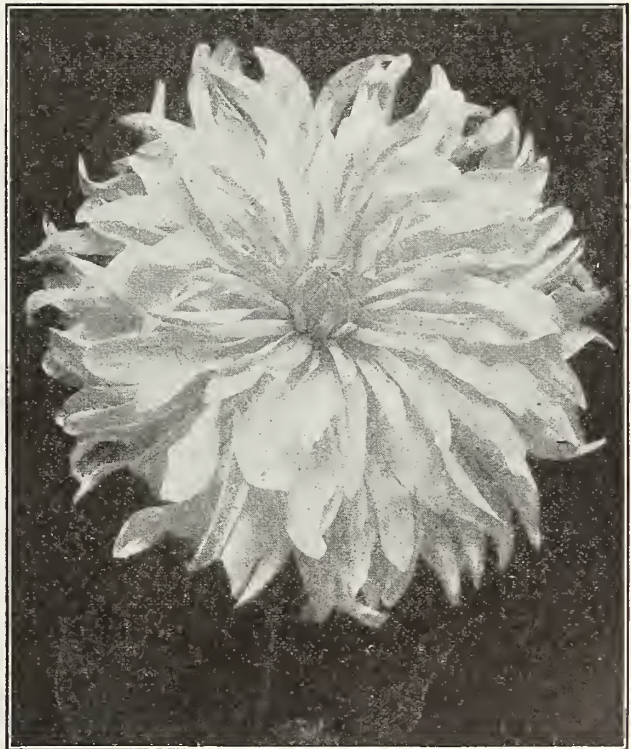
- 6100 **AUGUSTE NONIN.** Clear scarlet; a large and superb flower borne abundantly always above the foliage; flowers are perfect. 5 ft. **Each 20c., doz. \$2.00.**
- 6160 **BEAUTY OF KENT.** Beautiful in form, color and appearance; deep crimson red with distinct pure white tips; most effective and free blooming. 4 ft. **Each 25c., doz. \$2.50.**
- 6190 **Bull Moose.** (Our own introduction.) As a Decorative Dahlia it is well nigh perfect. The color is a beautiful shade of crushed strawberry; flowers well above the plants, which grow three feet. **Each 75c.**
- 6195 **California.** Canary yellow flowers of large size which are borne on long stems well above the foliage; very free bloomer; height 4 ft. **Each \$1.00.**
- 6290 **Delice.** One of the finest pink colored Decorative Dahlias, excellent in form, perfect in type; delicate in coloring. Bright pink, suffused with a lavender pink. 4 ft. **Each 25c., doz. \$2.50.**
- 6295 **D. M. Moore.** An enormous flower of deep crimson maroon shading almost to black; a very attractive variety when planted among light colors. 3½ ft. **Each 35c., doz. \$3.50.**
- 6440 **FIREBURST.** It is a seedling of Le Colosse, has broader and longer petals, but a far more intense scarlet, slightly shaded orange, and produces specimens which measure 8 inches and over. 3½ ft. **Each 35c., doz. \$3.50.**
- 6477 **Francis A. Butts.** (New introduction.) An immense flower 7 to 8 inches in diameter on the longest stem of any Dahlia in existence, being over two feet long without a leaf. The color is flesh white with a slight edge of pure lavender. As the flower opens it bleaches to pure white. 4½ ft. **Each 50c., doz. \$5.00.**
- 6490 **FUTURITY.** This is considered to be one of the very best of recent introductions. The large flowers borne on long, erect stalks are freely produced. The color is a combination of pink shaded salmon and yellow. 5 ft. **Each 75c., doz. \$7.50.**
- 6495 **Gen. Custer.** A gigantic new variety which we can well recommend; the habit of the plant is everything to be desired. Color a soft satiny rose, which makes it a very distinct variety. Height 4 ft. **Each \$1.00.**
- 6500 **Gen. Foch.** (New seedling.) Few of the newer varieties combine so many good qualities, the habit and foliage of the plant leaves nothing to be desired. The flowers which are very large and borne profusely above the foliage are of a dazzling scarlet, petals very long and exceedingly narrow. Height 4½ ft. **Each \$1.00.**
- 6520 **Giant Purple.** This is the best clear purple Dahlia we have seen. Flowers are enormous in size, full and deep centered, free flowering on long stiff stems. 4 ft. **Each 50c., doz. \$5.00.**
- 6540 **Gigantea.** Its name suggests the size; truly gigantic and massive in form; the individual petals are short and it requires many to form such a monstrous flower; color a soft sulphur yellow. 3 feet. **Each 50c., doz. \$5.00.**
- 6560 **GORGEOUS.** Crimson; free flowering plants. 4 ft. **Each 25c., doz. \$2.50.**
- 6600 **Great Britain.** A massive Decorative Dahlia of great texture and good form; color is a clear deep mauve. 4 ft. **Each 50c., doz. \$5.00.**
- 6605 **Hortulanus Fiet.** Beautiful salmon color with a yellow center. This variety is one of the largest grown. 3 ft. **Each 50c., doz. \$5.00.**
- 6610 **HORTULANUS WHITE.** A pure white, Decorative Dahlia; flowers extra large. 5 ft. **Each 35c., doz. \$3.50.**



Marjorie Field

- 6615 **Jack Rose.** The identical shade of the Rose early. 3 ft. **Each 25c., doz. \$2.50.**
- 6630 **JENNIE BARON.** The color is a rich carmine rose. The first Decorative of this color. The flower is gigantic, very double and perfect in formation. This is one of the most free blooming varieties. 5 ft. **Each 75c., doz. \$7.50.**
- 6650 **Jeanne Charmet.** The flowers measure 8 inches across and are borne on stiff, wiry stems, often 18 inches long. The exquisite flowers are pink at the edges, pure white toward the center and light yellow at the margins. 4 ft. **Each 35c., doz. \$3.50.**
- 6660 **J. M. Goodrich.** A gigantic free-flowering Decorative Dahlia borne on long, stiff stems; color a beautiful salmon pink with each petal effectively tipped primrose yellow. 4 ft. **Each 50c., doz. \$5.00.**
- 6680 **JOHN FOTTLER.** A massive flat petaled flower of great texture. Ground color white overlaid with faint markings of violet, giving it the appearance of French gray. 3½ ft. **Each \$1.00.**
- 6700 **JOHN R. BALDWIN.** Heavy deep flowers of good size, borne on long stems in the greatest profusion from early Summer until late in the Fall; color salmon pink. 3½ ft. **Each 35c., doz. \$3.50.**
- 6750 **KAISERIN AUGUSTA VICTORIA.** It does not require a support of any kind. The immense, perfect, pure white flowers are borne in great profusion on erect, stout stems. 3 ft. **Each 25c., doz. \$2.50.**
- 6800 **La France.** Brilliant rose pink, loosely built and resembles in shape a large double Pæony. 4 ft. **Each 25c., doz. \$2.50.**
- 6826 **LE GRAND MANITOU.** Large decorative variety; white, more or less striped with violet red. 3 ft. **Each 35c., doz. \$3.50.**
- 6840 **Leo XIII.** Color a good deep yellow. Blossoms are of massive proportions upon splendid stems held well above the foliage. Good form and habit. 5 ft. **Each 75c., doz. \$7.50.**

- 6850 **Mabel.** (New introduction.) A lovely and attractive variety so free and fine for decoration. Color is a clear, light mauve; a good upright grower. 5 ft. **Each 75c., doz. \$7.50.**
- 6865 **Marjorie Field.** (New introduction.) A very rare and much prized Dahlia. Flowers are immense, borne on stems two feet in length. The coloring is a most wonderful shade of pink, blossoms the finest form with good high center. 5 ft. **Each \$1.00, doz. \$10.00.**
- 6871 **Masterpiece.** (New introduction.) A gigantic flower of clear color without shading. Color a rich tango. The blooms, which are early are borne on stems often 20 inches in length. **Each 50c., doz. \$5.00.**
- 6872 **Meadow Gold.** An extra large well-shaped flower borne on long, stiff stems. Color primrose yellow with faint markings of pink toward the outer petals. **Each 35c., doz. \$3.75.**
- 6900 **MME. A. LUMIERE.** Unique coloring; pure white, violet red points; a fine contrast of colors; distinct. 4 ft. **Each 35c., doz. \$3.50.**
- 6950 **MADAME DEVINAT.** (New introduction.) Extra large flowers of fine form, the blossoms being carried well above the foliage on long, stiff stems. Pure white tinged flesh. Very delicate shading. 5 ft. **Each 50c., doz. \$5.00.**
- 6990 **Mme. Louis Perrier.** A greatly improved Mme. A. Lumiere. The flowers are fully twice as large, better marked and more perfect in shape; the heavy petals overlap and are a clear carmine with white edge. 3½ ft. **Each 50c., doz. \$5.00.**
- 7020 **MME. VAN DEN DAEL.** True. White, flushed lively pink; a loosely formed flower. 4 ft. **Each 25c., doz. \$2.50.**
- 7130 **Mammoth.** The largest Decorative Dahlia now in existence. The massive petals are placed in exact regularity and never show an open center. The color is an intense vermilion of a velvety texture. The plant is dwarf, extremely sturdy, and produces a very luxuriant foliage. **Each 50c., doz. \$5.00.**
- 7305 **Mons. Le Monarde.** (New introduction.) A perfect Dahlia of the Decorative type. The large blossoms are of the most exquisite and delicate coloring, being pure sulphur yellow, with the tip of each petal distinctly tipped for the depth of one inch, pure white. 4 ft. **Each 75c., doz. \$7.50.**
- 7310 **MOROCCO.** Clear plum color, tipped white; flowers of large size. 4 ft. **Each 25c., doz. \$2.50.**
- 7340 **MRS. FLEERS.** A perfect combination of colors, red and rose, exceedingly attractive. Awarded first-class certificate. 4 ft. **Each 25c., doz. \$2.50.**
- 7375 **MRS. KATE SANDERSON BARLOW.** Decorative Dahlia of the purest white. Its distinctive features are: the purity of color, the perfect form and immensity of size. The plant forms excellent bushes, which abound in a profusion of large flowers on exceedingly long stems. 4 ft. **Each 50c., doz. \$5.00.**
- 7400 **Mrs. Roosevelt.** A most beautiful flower. It is of immense size, fine color, graceful form and has excellent stems for cutting; the flowers are most perfectly double, 6 to 8 inches in diameter and of a delicate light pink. 5 ft. **Each 35c., doz. \$3.50.**
- 7500 **PAPA CHARMET.** Brilliant velvety coral red; perfect flowers in great abundance. 4½ ft. **Each 25c., doz. \$2.50.**
- 7550 **PHENOMENE.** Beautiful shade of salmon. **Each 35c., doz. \$3.50.**
- 7572 **PRINCESS JULIANA.** The queen of Dahlias. Pure white, well formed flowers on long stems. Best for decorative work. 4½ ft. **Each 25c., doz. \$2.50.**
- 7580 **Professor Mansfield.** Rich yellow, white tips, red center. 3 ft. **Each 35c., doz. \$3.50.**
- 7510 **Paul Grampel.** One of the most distinct varieties in cultivation, different from any other Decorative Dahlia in our entire list. The color is a very rich garnet; flowers are true Decorative type and borne on long stems well above foliage. **Each \$1.00.**
- 7590 **Salvadore.** Another distinct novelty to add to the decorative class. The color is a wonderful lively pink, shading lighter toward tips of petals; very free bloomer; flowers appear well above foliage, this beautiful Dahlia should be added to every Dahlia lover's collection. **Each \$1.50.**
- 7707 **Semiramis.** Immense flower, the pink color of the Cattleya Orchids suffused with yellow. 3½ ft. **Each 20c., doz. \$2.00.**
- 7740 **SOUVENIR DE GUSTAVE DOUZON.** These immense flowers are borne in profusion from the earliest blooming to frost; 9½ inches diameter; a rich scarlet. 5 ft. **Each 20c., doz. \$2.00.**
- 7750 **SOUVENIR DE MR. SILVENT.** Yellow, striped crimson; beautiful and grand flowers. 4 ft. **Each 25c., doz. \$2.50.**
- 7760 **Sulphurea.** This rare variety resembles the form of Japanese Chrysanthemum. The blossoms are large and free with the long petals thrown back. Color a clear sulphur yellow. 5 ft. **Each \$1.00, doz. \$10.00.**
- 7780 **TENOR ALVAREZ.** Color of flowers bronze red, splashed and striped with velvety brown. Petals are quite broad, rather flat; blooms very freely. 4 ft. **Each 50c., doz. \$5.00.**
- 7800 **White Colosse.** (New introduction.) It is a decided acquisition and embraces all the good points of the Colosse Dahlias. The flowers are gigantic, of the purest snow white, supported by petals of great texture. Plants are of good form. 4 ft. **Each 75c., doz. \$7.50.**
- 7910 **YELLOW COLOSSE.** Although it bears the name of Colosse, it has very little similarity to this flower, but it is the best exhibition yellow; the flowers come very perfect on the long stems. 3½ ft. **Each 35c., doz. \$3.50.**
- 7930 **Yellow Kid.** (New introduction.) A big improvement on Yellow Colosse. The color is pure sulphur yellow, with extra large blossoms, which are borne erect on long, stiff, wiry stems. 4 ft. **Each 75c., doz. \$7.50.**
- 7950 **ZEPPELIN.** Large double flower of good form, full and round, borne on good stems. A beautiful shade of lilac. 5 ft. **Each 25c., doz. \$3.50.**



Dahlia Sulphurea



Avalanche

- 20070 **A. H. Mee.** A very deep mauve with bright golden disc. 5 ft. Each 35c., doz. \$3.50.
- 20090 **ANDREW CARNEGIE.** Clear salmon pink with bronze shading; center very prominent and rounded; petals are somewhat flat, making it a distinct shape; plants 4 ft. Each 25c., doz. \$2.50.
- 20100 **Attraction.** Large elegant flowers of a clear lilac rose color, long strong stem. It is an exhibition flower and garden Dahlia of rare cup shape. Slightly fragrant. 4 ft. Each \$1.00, doz. \$10.00.
- 20150 **Avalanche.** (New introduction.) Pure white, the very best among the whites in the Paeony-flowered class. Award of Merit. 4 ft. Each 50c., doz. \$5.00
- 20210 **BARON G. DE GRANCY.** Creamy white; some flowers come single, all incurved or cup shape. Slightly fragrant. 4 ft. Each 25c., doz. \$2.50.
- 20230 **Bertha von Suttner.** In form similar to "H. Hornsveld," an elegant twisted petal. The immense flower always carried erect; color beautiful salmon shaded yellow. 3½ ft. Each 50c., doz. \$5.00.
- 20230 **Bianca.** Flowers of a lovely lavender pink. Very free flowering on long stems. Splendid habit and good form. 5 ft. Each 75c., doz. \$7.50.
- 20260 **CAECILIA.** Creamy white; very large. First class certificate. 5 ft. Each 35c., doz. \$3.50.
- 20265 **Caesar.** Rich shade of canary yellow; beautiful flowers well above the foliage; strong grower. First class certificate. 5 ft. Each 35c., doz. \$3.50.
- 20266 **Cardinal.** Cardinal in color as well as name; the enormous flowers being borne on long stiff stems well above the foliage and often measuring 8 inches across, making it a striking novelty. Height 5 ft. Each \$1.00.

## Dahlias, Paeony-Flowered

### Collections

- |   |                                     |
|---|-------------------------------------|
| <b>ATTRACTION,</b> lilac rose               | <b>J. C. IDE,</b> rosy purple       |
| <b>CAECILIA,</b> creamy white               | <b>MME. D. BIJSTEIN,</b> lilac blue |
| <b>DR. H. W. VAN GORKOM,</b> white and rose | <b>MISS G. KEELING,</b> pale rose   |
| <b>DR. KUYPER,</b> orange color             | <b>MRS. J. C. VAUGHAN,</b> yellow   |
| <b>GEISHA,</b> scarlet and yellow           | <b>QUEEN EMMA,</b> lavender pink    |
| <b>GLORY OF BAARN,</b> delicate pink        | <b>THE BRIDE,</b> white             |
- Collection of the above varieties \$3.50.
- Collection of 25 varieties (including above and additional varieties) \$6.50.
- |                                     |   |
|-------------------------------------|---|
| <b>ANDREW CARNEGIE,</b> salmon pink | <b>DR. H. W. VAN GORKOM,</b> white and rose |
| <b>CAECILIA,</b> creamy white       | <b>GEISHA,</b> red and yellow               |
| <b>QUEEN EMMA,</b> lavender pink    |   |
- Collection of the above 5 varieties for \$1.25.

- 20268 **Chatenay.** (New introduction.) Color similar to the well known Chatenay Rose, blooms held erect on long, stiff stems. F. C. C. 4 ft. Each 35c., doz. \$3.50.
- 20270 **CLAUDE GRAHAME-WHITE.** Flowers from 5 to 6 in. in diameter, on long stems, and in such abundance that the plant appears completely covered with large, full flowers. Color canary yellow, splashed with golden yellow. 4 ft. Each 35c., doz. \$3.50.
- 20300 **COL. J. ST. G. WOLSELEY.** Rosy lilac, with points of petals almost white; height 4 ft. Each 25c., doz. \$2.50.



Lady Lloyd

20400 **Crawley Star.** A charming variety either as a garden plant or for table decoration, flowers and foliage being light and graceful. The color is a lovely shade of clear rose pink, particularly nice by artificial light. 4 ft. **Each 50c., doz. \$5.00.**

20405 **Creation.** Enormous flowers of deep red shaded lighter toward the center of petals, long straight stems. 4 ft. **Each \$1.00.**

20410 **Diana.** Height 5 ft. A beautiful shade of rich claret shaded purple; a color much wanted among this type of Dahlia. Blossoms are of immense size borne on long, stiff stems. **Each \$1.50.**

20415 **Dream.** Never was a Dahlia more correctly named, its wonderful color reminding one of the setting sun. Every lover of Dahlias should not miss this wonderful addition to his collection. Height 4½ ft. **Each \$1.50.**

20420 **DR. K. W. VAN GORKOM.** A large flower of white, heavily marked rose. 5 ft. **Ea. 25c., doz. \$2.50.**

20425 **Dr. Peary.** Dark velvety mahogany. The darkest of all. Award of merit. 4 ft. **Each 35c., doz. \$3.50.**

20435 **Dr. Kuyper.** Beautifully formed flower of a bright orange color, most effective. 4 ft. **Each 35c., doz. \$3.50.**

20438 **Duchess of Brunswick.**

(New introduction.) A distinct and beautiful variety of a brilliant red. Reverse of petals apricot. Blossoms are of immense size, often measuring 8 to 9 inches across. 5 ft. **Each 75c., doz. \$7.50.**

20440 **DUKE HENRY.** Dark crimson; petals twisted; good, long, straight stems. 4½ ft. **Each 25c., doz. \$2.50.**

20470 **DURBAN.** Chamois color suffused with rose; a large flower of graceful form. The habit is very erect and the plant free blooming; a grand garden plant. 5 ft. **Each 75c., doz. \$7.50.**

20710 **Geisha.** Its form is most original; the petals showing more twist and curls than any other sort. The first flower comes fully double, while only those that follow show the beautiful golden center which with this flower is most charming. The color combination is remarkable—orange scarlet with yellow center paling off toward the tips. 5 ft. **Each 50c., doz. \$5.00.**

20720 **GERMANIA.** Wine color, dark velvety crimson shaded with yellow; long, straight stems; height 4 ft. **Each 25c., doz. \$2.50.**

20740 **GLODY OF BAAEN.** Delicate, soft pink; very free and carried erect; height 5 ft. **Each 20c., doz. \$2.00.**

20750 **Glory of Groenekan.** Extra large flowers of orange yellow; height 5 ft. **Each 25c., doz. \$2.50.**

20790 **H.J. LOVINK.** Flowers are very large, borne on long stems, which stand well above the foliage. The color is a very delicate white shading to a lavender pink. Height 4 ft. **Each 50c.**

20845 **HORTULANUS BUDDE.** A clear bright orange red; flowers of good substance and form. Award of Merit. 4½ ft. **Each 25c., doz. \$2.50.**

20850 **HUGO DE VRIES.** Orange brown flowers of loose formation. 5 ft. **Each 25c., doz. \$2.50.**

20910 **J. M. Boreel.** One of the most attractive of the new varieties; amber color shading toward the tip of petals to clear yellow. The giant flowers average 7 to 9 inches in diameter and are held erect on long stiff stems. Height 4½ ft. **Each \$1.50.**

20950 **J. C. Ide.** (New introduction.) A beautiful rosy purple, distinct shade with long, stiff stems. 5 ft. **Each 50c., doz. \$5.00.**

20960 **John Green.** (New introduction.) The coloring is intensely brilliant, the center being clear yellow, which quickly changes to fiery scarlet. A feature is its lasting qualities, the flowers remaining in full beauty for over a week unhurt by rain or sun. 5 ft. **Each 50c., doz. \$5.00.**

20970 **King of Autumn.** Height 7 ft. Color old gold shaded lighter toward tips of petals; flowers are borne on long stems well above the foliage, making it without doubt the finest novelty we have to offer for 1919. **Each \$2.00.**

21075 **Latonia.** A distinct and beautiful variety of a deep golden yellow shaded toward the center to a primrose. The habit is very erect and the plant free blooming. The gigantic flowers will easily measure from 7 to 9 inches across. 4½ ft. **Each \$1.50.**

20980 **King Edward.** One of the most attractive Dahlias; very large flower, easily measuring 7 inches in diameter; of very dark crimson, on long stems. 5 ft. **Each 50c., doz. \$5.00.**

21000 **KING LEOPOLD.** Cream yellow shading to white; flowers carried erect on long stems. 5 ft. **Each 25c., doz. \$2.50.**

21050 **Lady Lloyd.** (New introduction.) An immense flower, color a beautiful shade of cardinal; upright growing, on long, stiff stems. 5 ft. **Each \$1.00, doz. \$10.00.**

21080 **La France.** Same coloring as the famous Rose La France; a soft pink, overlaid silvery pink. 4½ ft. **Each 35c., doz. \$3.50.**



Geisha

21090 **LA RIANTE.** Plants grow 3½ ft. high and their flowers are borne on enormously long stems in clusters from 2 to 4, far away from the foliage; color a deep pink. 5 ft. **Each 25c., doz. \$2.50.**

21100 **LIBERTY.** Scarlet; very large flowers on long stiff stalks; erect grower. **Each 35c., doz. \$3.50.**

21220 **Mme. D. Bijstein.** (New introduction.) Lovely shade of lilac blue flowers of exceptional beauty; large, well formed flowers with graceful curling florets on good long stems. 5 ft. **Each 35c., doz. \$3.50.**

- 21290 **MARIE STUDHOLME.** A very delicate mauve, shading to white. 5 ft. Each 25c., doz. \$2.50.
- 21310 **MERVEILLE.** Orange yellow, of a distinct shade. 4 ft. Each 35c., doz. \$3.50.
- 21360 **Miss G. Keeling.** Pale rose. Very free flowering, tall growing, with long stems. 4½ ft. Each 35c., doz. \$3.50.
- 21370 **MISS GLADYS DAWSON.** Soft yellow rose; very free and erect; height 5 ft. Each 35c., doz. \$3.50.
- 21470 **MRS. A. McKELLAR.** Distinct; a lovely terra-cotta, shaded salmon. 4 ft. Each 25c., doz. \$2.50.
- 21530 **Mrs. Hugh Dickson.** (New introduction.) One of the earliest and most continuous free blooming varieties. The flowers which average six inches in diameter are of an exquisite rich salmon shade, with lighter buff pink suffusion at the base of the petals. A variety greatly admired wherever shown. 4 ft. Each 50c., doz. \$5.00.
- 21550 **Mrs. J. C. Vaughan.** (New introduction.) Lovely bright, clear yellow flowers on long stems. Was awarded a silver cup as the most meritorious plant of 110 varieties of the Pæony-flowered on trial. 5 ft. Each 75c., doz. \$7.50.
- 21580 **Mrs. W. E. Whineray.** An enormous flower of exceptionally fine habits, flowering early and constant. The color is a beautiful rosy lilac with yellow at the base of the petals, which are broad and of good substance. 4 ft. Each 50c., doz. \$5.00.
- 21730 **Old Gold.** (New introduction.) One of the largest and free blooming Dahlias of recent introduction, good for exhibition or garden effect. Color is of deep golden amber shading to old gold. 4 ft. Each 75c., doz. \$7.50.
- 21760 **Pennant.** A very striking fancy variety, that is quite pleasing. Ground color pure white, each petal distinctly bordered scarlet, flowers of good size. 5 ft. Each 50c., doz. \$5.00.
- 21790 **FRES. FALLIERES.** (New introduction.) Beautiful orange scarlet, of excellent form, great size and good stems. 4½ ft. Each 25c., doz. \$2.50.
- 21800 **P. W. JANSSEN.** Rosy salmon with a shade of yellow; an elegant flower borne on stout erect stems never less than 2 feet in length; a rich and pleasing shade. 5 ft. Each 25c., doz. \$2.50.
- 21810 **QUEEN ALEXANDRA.** A clear sulphur white; an elegant flower; plans dwarf and very effective. 4 ft. Each 25c., doz. \$2.50.
- 21850 **Queen Augusta Victoria.** A whitish yellow resembling the Rose of the same name; height 4 ft. Each 25c., doz. \$2.50.
- 21860 **QUEEN EMMA.** Soft lavender pink; of refined form and good keeper. 5 ft. Each 20c., doz. \$2.00.
- 21870 **QUEEN WILHELMINA.** The most satisfactory pure white flower; the petals are elegantly twisted and are of glistening white. the plant is extremely free blooming. 5 ft. Each 25c., doz. \$2.50.
- 21890 **Rose Gem.** A new color of soft salmon pink-shaded yellow, elegant in form, plants of finest habit, very free and early. Height 4 ft. Each \$1.00.
- 21895 **Robert Kartum.** Lovely rosy-lilac shaded much lighter on the backs of petals; long straight stems; height 4 ft. Each \$1.00.
- 21900 **Ruhm Von Nijkerk.** A splendid exhibition variety of rich purple violet. The center sometimes comes full like a decorative. 5 ft. Each 35c., doz. \$3.50.



Weichsel

- 22050 **SHERLOCK HOLMES.** Large size flowers, of good form and type; color a rich mauve. 5 ft. Each 25c., doz. \$2.50.
- 22080 **SNEEWITJE.** Pure white; strong growing plants, very conspicuous flower of great substance. 4 ft. Each 25c., doz. \$2.50.
- 22100 **SOLFATARE.** Carmine red with yellow center. 4½ ft. Each 25c., doz. \$2.50.
- 22110 **South Pole.** The purest white Pæony-flowered Dahlia. Stems are long and wiry, the flowers although delicate in appearance keep well when cut. 4½ ft. Each 50c., doz. \$5.00.
- 22125 **Sterna.** (New introduction.) Very large flowers; correct shape; color pale sulphur, held erect on long stems. 5 ft. Each 75c., doz. \$7.50.
- 22170 **The Bride.** (New introduction.) Another beautiful snow white of medium height, good-sized flowers of true Pæony-flowered type. 5 ft. Each 35c., doz. \$3.50.
- 22250 **WEICHSEL.** Beautiful yellow, washed fiery scarlet. 4½ ft. Each 25c., doz. \$2.50.
- 22275 **WINIFRED POMEROY.** Carmine amaranth with silvery reverse. 4 ft. Each 25c., doz. \$2.50.
- 22300 **Yellow King.** (New introduction.) Rich clear yellow color, producing large elegant flowers on long, stiff stalks. The general report is, the finest Pæony-flowered Dahlia ever shown. 5 ft. Each 75c., doz. \$7.50.
- 22500 **Yellow Transparent.** (New introduction.) This is a gem for bedding effects. Color is clear yellow. The height 2 feet; form of flowers is true Pæony type. Each 35c., doz. \$3.50.

## Pompon Dahlias

This class produces small, very double-quilled flowers, which are ideal for bouquet work. They grow but 2½ feet high, very bushy and flower freely.

- 10410 **Aleroine.** Delicate pink tinted lilac. 3½ ft. **Each 15c.**
- 10500 **AMBER QUEEN.** Rich, clear amber, shaded apricot. 4 ft. **Each 15c.**
- 10520 **Captain Boynton.** Dark maroon, shaded crimson. 4 ft. **Each 15c.**
- 10530 **CLARISSA.** Pale primrose. 4 ft. **Each 15c.**
- 10550 **DONOVAN.** White with lavender tips. 3½ ft. **Each 15c.**
- 10610 **Grauss Am. Wein.** Crushed strawberry; a very compact flower of extra fine quality. 3 ft. **Each 15c.**
- 10640 **JESSICA.** Yellow or amber, edged red. 4 ft. **Each 15c.**
- 10660 **MARS.** Bright scarlet. 3½ ft. **Each 15c.**
- 10700 **Nerissa.** (New.) The advance in this miniature type of Dahlias has not kept pace with the other classes, and it is but rarely that we have a novelty to offer, but in Nerissa we have such a perfect little gem that it should be included in every collection. The plant is of ideal habit and always loaded with flowers of perfect form and of that beautiful shade of lively mauve that appeals to every one and that shows up so fine under artificial light. 4 ft. **Each 25c.**
- 10720 **SAN TOY.** Pure white, heavily edged rosy carmine. 3 ft. **Each 15c.**
- 10730 **SIBYL.** Yellow, edged bright scarlet. 4 ft. **Each 15c.**
- 10735 **SNOWCLAD.** Small white; very free. 3 ft. **Each 15c.**
- 10745 **VIRIDIFLORA.** (The Green Dahlia.) Flowers bright green; very curious. 3 ft. **Each 15c.**
- 10750 **ZERLINA.** Bright crimson maroon. 4 ft. **Each 15c.**

## Collarette Dahlias

This form, which consists of a collar formed of small petals and usually of a contrasting color, appears around the disc. A single flower of French origin. The first new introductions did not include the colors of the present time, neither was the type as near to perfection, nor the size of the flower as it is now. Recent introductions of newer colors and combinations of colors such as are not known in any other flower are now offered.

- 12020 **Ami Cachet.** Orange Red, yellow Collarette. **Each 35c., doz. \$3.50.**
- 12050 **Exposition de Lyon.** Deep scarlet with fine yellow tip, collar narrow and white suffused lavender and washed crimson. 3½ ft. **Each 35c., doz. \$3.50.**
- 12084 **MME. E. POIRIER.** Deep purple suffused with lighter shades which give it a violet blue effect; collar petals white. The nearest approach to a blue. 4 ft. **Each 50c., doz. \$5.00.**
- 12120 **Maurice Rivoire.** The best of the entire collection. A massive flower of a dark crimson with a heavy pure white collar. 3½ ft. **Each 25c., doz. \$2.50.**
- 12170 **PRESIDENT VIGER.** Deep crimson maroon flowers with a pure white collar; a very early bloomer. 4 ft. **Each 25c., doz. \$2.50.**
- 12197 **SOUVENIR BERBARDEAU.** Purple red, collar white. **Each 35c., doz. \$3.50.**
- 12202 **SOUVENIR DE CHABANNE.** Brilliant deep scarlet; collar yellow, with white tips. 4 ft. **Each 50c., doz. \$5.25.**

## Giant Single Dahlias

Measuring more than 3½ inches in diameter.

This class is very similar to the Pæony-flowered type, differing only in the fact that the flowers are always composed of a single row of petals. Every variety is a free blooming sort and a beauty for the garden.

The larger flowered single Dahlias are rivals of the Pæony-flowered type and are equally satisfactory for garden and cutting. There is always grace in a single flower which is seldom found in a double or semi-double flower, and when it comes to free blooming qualities there is nothing that excels the single.

- 11355 **AMI BARBILET.** Rich, pure garnet with fine dark foliage. 4 ft. **Each 25c.**
- 11385 **Blanche.** The flowers are massive, color being a pale yellow at the base; tipped pink overlaid with pure white, the colors make it very attractive and we must admit that this is one of the best giant singles. **Each 25c.**
- 11395 **BIG CHIEF.** Rich crimson with maroon shadings on margin. 5 ft. **Each 25c.**
- 11415 **CRIMSON CENTURY.** Rich, deep, velvety crimson, streaked maroon, with rose halo around yellow disc. 4 ft. **Each 25c.**
- 11552 **HALL CAINE.** Yellow ground, shaded and marked with reddish chestnut. 4 ft. **Each 25c.**
- 11590 **JACK.** A single, handsome and entirely distinct variety and one of the gayest in color yet ever sent out; it is of a brilliant fiery scarlet, with the base of the petals distinctly overlaid with golden yellow, particularly pleasing under artificial light. 4 ft. **Each 25c.**
- 11610 **Newport Beauty.** The habit and growth of this variety makes it all that could be desired. Each plant makes a wonderful bush of foliage which is covered with flowers of a bright satiny rose pink; a valuable variety for decorative purposes. **Each 35c.**
- 11622 **Old Glory.** A splendid flower, with unique coloring; each petal is pure white, distinctly edged bright scarlet to the width of at least ¼-inch, giving each petal the appearance of the American Flag. Plant grows dwarf and carries its flowers far above the foliage on erect stems. 4 ft. **Each 50c.**
- 11640 **TWENTIETH CENTURY.** Red and white. 4 ft. **Each 25c.**
- 11660 **Sunningdale Yellow.** Bright golden yellow; flowers show up very prominently above the green foliage. **Each 25c.**
- 11650 **Somersworth.** Each petal is slightly scooped and twisted from its center to the tip. The color is an intense scarlet, with a broad band of gold around the prominent disc. 5 ft. **Each 35c.**

## Single Dahlias

Measuring less than 3½ inches in diameter.

These have become extremely popular, for they are most graceful. For cutting they are invaluable on account of their lasting qualities.

- 11070 **DONNA CASSILDA.** Copper-orange, with dark maroon ring, shading at tips of petals to bright rose. 4 ft. **Each 15c.**
- 11100 **FORMOSA.** Color, rich dazzling crimson. 3½ ft. **Each 15c.**
- 11200 **M. C. C.** Rich yellow, striped and flaked with bright orange scarlet. 4 ft. **Each 15c.**
- 11210 **MIKADO.** Scarlet center, with broad margin of clear yellow on tip of florets. 4 ft. **Each 15c.**
- 11260 **POLLY ECCLES.** Rich satiny fawn. 4 ft. **Each 15c.**
- 11270 **Princess of Wales.** A lovely shade of pink. 3½ ft. **Each 25c.**
- 11310 **SNOWDROP.** Pure white, extra. 4 ft. **Each 25c.**

# BEDDING PLANTS

Ready for shipment during May and June

Customers ordering bedding plants would favor us greatly, if convenient to them, by sending in their orders as early as possible, at the same time naming a shipping date; otherwise we send plants as soon as they are ready for delivery. It is also a great help, especially when late delivery is required, that we reserve good plants for these shipments, while we fill all orders with our best stock as received. It is also important that we should have orders in our possession about six days before shipment is required, that we may readily take care of the orders already on hand and allow time for filling new orders. We ship plant orders as soon as possible; but there are obstacles that hinder us at times beyond our control.

Owing to labor conditions and the uncertainty of the coal situation at the time this catalogue went to press we have omitted prices on this class of plants. Prices will be given on application.

Bedding plants can be shipped by express only.



Calendula

**AGERATUM.** Flowers forming in heads and blooming continuously all Summer. Valuable for borders and edgings.

**Blue Perfection.** Dark blue. 18 in.

**Dwarf Imperial Blue.** Deep blue.

**Princess Pauline.** Blue, white center.

**ALYSSUM, SWEET.** H. A. One of the best known annuals; used extensively for bordering and edging, also valuable for cutting. Flowers from early Summer till late Fall.

**Sweet.** White.

**Little Gem.** Dwarf. White.

**ASPARAGUS plumosus nanus.** (Climbing Asparagus.) Bright green, finely pinnate fern-like foliage; very lasting.

**ASPARAGUS Sprengeri.** Drooping feathery sprays; excellent for hanging pots and baskets.

**ASPIDISTRA Lurida Green-Leaved.** Decorative plant, with long green leaves suitable for halls or other shady places.

**ASPIDISTRA Lurida variegata.** Foliage green, striped with white.

**ASTERS.**

**American Late Branching, Victoria, Giant Comet,** White, pink, crimson, light blue, dark blue. Mixed.

**ANTIRRHINUM** (Snapdragon). One of the finest flowers for cutting in existence, bearing long spikes of gorgeously colored flowers.

**ASPLENIUM Nidus Avis** (Bird's Nest Fern.) A very ornamental plant, with large dark green foliage.

**BEGONIA.**

**Semperflorens Vernon.** Scarlet flowers.

**Erfordi grandiflora superba.** Plants compact and bushy, have glossy foliage and are literally covered with most delicate pink flowers.

**Gracilis, White.**

**Mad. Chatelaine.** Finest rose colored, excellent bedder.

**Prima Donna.** Rose shading to carmine at center.

**Vesuvius.** Bright crimson.

**Tuberous-rooted.** Best for growing in partial shade; produce a gorgeous effect; bloom from July until frost.

**BROWALLIA.** Excellent free-flowering, Verbena-like flowers. Flowers all Summer in the open.

**CALADIUM esculentum.** (Elephant's Ear.) An effective plant for massing and bordering in connection with sub-tropical effects, and equally desirable for lawn planting. Enormous rich green leaves.

**CALENDULA.** Large double flowers, blooming all Summer, closing somewhat at night and opening slightly on cloudy days; flowers borne on long, stiff stems. 2 ft.

## Cannas

In supplying Cannas to our customers it has been far more satisfactory to fill our orders with growing plants instead of dry bulbs. We can, however, supply bulbs of our varieties during January, February and sometimes as late as the middle of March, but we much prefer to supply our orders with the plants during May and June.

## Orchid Flowering

Orchid-flowering Cannas are very large flowering and taller than the other varieties; some of the finest colors are to be found in this class of Cannas, the flowers being nearly double the size of the other varieties. When planted in the lawn it is best to select a somewhat sheltered place to protect them against strong wind, for the flowers being larger they bruise more easily than the Crozy type.

**Alemania.** The outer petals are scarlet, with a broad yellow border. Inside of blooms scarlet and dark red. Green foliage. 4 to 5 feet high.

**Italia.** The center of flower is brilliant red; the outer half of the circumference of each petal being a wide, irregular band of clear yellow. 4½ feet high.

**King Humbert.** A brilliant orange scarlet, with bright red shadings. Large trusses of blooms, individual flowers being 6 inches in diameter. Foliage a rich reddish bronze, with lighter shadings; is broad and massive, giving the plant a sturdy and stately appearance. 5 feet.

**Pennsylvania.** Flowers are extra large, often measuring 7 inches across, and on the inside are vermillion scarlet. Foliage rich green. 5 feet high.

**Wyoming.** Bronze foliage; flowers a rich, velvety orange, borne high above foliage, and often 6 inches across. 5 to 8 feet high.

## Truss Flowering

### ORANGE AND YELLOW SHADES

**Florence Vaughan.** Bright, rich, golden yellow, spotted with red. Large size, perfect form. Foliage green. 4 feet high.

**Gladiator.** Enormous trusses of blooms. Flowers bright yellow, thickly spotted crimson; valuable bedding kind. 4 feet.

**President Cleveland.** Large flowers of rich, bright orange scarlet. 3 feet.

## CANNAS Continued

## RED FLOWERING, GREEN FOLIAGE

**Alphonse Bouvier.** Rich, velvety crimson. Green foliage. 6 to 7 feet high.

**Beaute Poitevine.** Brilliant crimson, with scarlet shadings. Compact, very free flowering. Green foliage. 3 feet high.

**Charles Henderson.** Deep crimson yellow, flame at throat. 3½ feet high.

**Crimson Bedder.** A fine sort, with large spikes of glowing crimson; dark, metallic leaves. 4 feet.

**Duke of Marlborough.** Of all the deep crimsons this is the finest; exceptionally free flowering. Individual blooms very large.

**Mephisto.** The darkest red Canna. A rich, velvety, deep red; a strong grower, attaining a height of 3 to 5 feet. Flowers in a large truss.

**Pillar of Fire.** Foliage green; flower almost the same as the Duke of Marlborough, but flowers borne on stalks a foot above the foliage. Height 5 to 6 feet.

## BRONZE LEAF, RED FLOWERING

**David Harum.** A very fine, brilliant vermilion. Has bronze foliage and is very free flowering. One of the finest bronze varieties for bedding. 3½ feet.

**Egandale.** Strong, compact flower stalks; currant flowers; bronze foliage. Finest of this variety. 4 feet high.

**Wm. Sanders.** The flowers are of a bright crimson scarlet, very large, and are produced in immense trusses. 3½ feet.

## RED, GOLD-EDGED CANNAS

**Mme. Crozy.** Dazzling crimson scarlet, bordered with golden yellow; green foliage. 4 feet.

**Niagara.** Great, handsome trusses; rich, deep crimson, wide, irregular border of deep, golden yellow; fine bedder. True. 3 feet.

**Souvenir de Ant. Crozy.** Crimson, with broad gold band; the finest bedder, and for pot culture unsurpassed. 4 feet.

**Queen Charlotte.** Deep, rich crimson scarlet, with a border of canary yellow. Green foliage. 3 feet.

## PINK-FLOWERING CANNAS

**Mlle. Berat.** An exquisite shade of pink and very effective when massed with reds and yellows; foliage is a bright green. Grows vigorously. Not over 3½ feet high.

**West Grove.** A very large shell-pink flower; foliage green and luxuriant. 5 feet.

## WHITE AND CREAM SHADES

**Alba rosea.** Flowers cream white, shading to peach-blossom pink at the throat; small but dainty. It has a good growth of green foliage. 4 feet.

**Alsace.** A pale sulphur yellow, changing to creamy white. If planted with high-colored sorts, it makes a fine contrast. Foliage green. 4½ feet.

**Mont Blanc.** Deep cream white, with large petals and very showy. Good growth of green foliage. Fine in front of strong-colored Cannas. 2½ feet.

## Canna Robusta, Bronze Leaf

Grown extensively wherever foliage effects are desired. Will grow 6 feet high; large, handsome bronze leaves.

Dry Bulbs, doz. \$1.00, 100 \$7.50

## CARNATION.

**Marguerite.** Finest mixed.

**CASTOR OIL BEAN.** Half-hardy annuals with ornamental foliage, making fine center plants for large beds of Cannas; also used along fences.

**CENTAUREA** (Dusty Miller).

**candidissima.**

**gymnocarpa.** Grayish foliage.

**COBÆA scandens.** One of the best annual climbers, attaining a height of 15 feet. Flowers bell-shaped, about 3 inches in diameter. Fine for piazza trellises and will grow indoors throughout the Winter.

**COCKSCOMB.** Dwarf.

Crimson.

Yellow.

**COCKSCOMB Plumosa.**

Crimson.

Golden yellow.

## COLEUS.

**Golden Bedder.** Yellow. 1 foot.

**Verschaffeltii.** Red. 1 foot.

## COSMOS.

**Early-flowering.** Assorted.

**Mammoth-flowering.** Mixed.

**Lady Lenox.** Pink.

**Lady Lenox.** White.

**DAISY, ENGLISH** (*Bellis Perennis*).

## DRACÆNA.

**Indivisa.** This variety is used as a center plant for vases and window boxes. Its long, narrow, graceful foliage contrasts beautifully with other plants.

**Terminalis.** Foliage olive-green, striped with carmine and pink. Young leaves bright crimson.

**FEVERFEW** (*Matricaria*). Double white.

**FUCHSIA.** Assorted varieties.

## Geraniums

**Alphonse Ricard.** Dwarf; very vigorous habit. Flowers semi-double, and trusses are of enormous size, on very strong stalks; a profuse bloomer; color bright vermilion scarlet.

**Beaute Poitevine.** A great favorite, and conceded to be one of the best semi-double, light salmon-pink bedders in existence; enormous flowers, aurora pink, shading to bright salmon in the center.

**Helen Michell.** A cross of Jean Viaud and Alphonse Ricard. It is semi-double and of the clearest possible, shade of scarlet. Its growth is compact, semi-dwarf, with lustrous green foliage. The flowers are borne on gigantic trusses.

**Jean Viaud.** The finest double pink Geranium. Brilliant rose pink, with white throat, fresh and exquisite; attracts attention everywhere. Magnificent semi-double flowers; trusses of enormous size, sometimes measuring 6 inches in diameter.

**La Favorite.** The finest double white; pure color; flowers of enormous size; a continuous bloomer, the plants being covered with flowers the entire season; has beautiful foliage and finest habit.

**PAUL CRAMPEL.** A strong grower; large truss; profuse bloomer; excellent for bedding purposes; everything that goes to make up a real first-class Geranium is found in the Paul Crampel.

**S. A. Nutt.** The standard dark red Geranium; double brilliant, deep scarlet, with maroon shading; stands the sun best of any.



Pelargonium Easter Greeting

## Geraniums

### Variegated Foliage Varieties

**Mme. Salleroi.** Makes a round, pretty plant, about one foot high and wide; foliage bright green, edged with pure white; dwarf, compact grower.

**Silver Leaf, S. A. Nutt.** Exquisite foliage, having a green ground edged white, very similar to Mme. Salleroi, much stronger grower; flowers large, produced in fine trusses; continual bloomer of excellent crimson-scarlet flowers.

### Sweet-Scented Varieties

**Lemon.** Small glossy, green leaves; delightful lemon scented.

**Skeleton Leaved.** Fragrant.

## Pelargonium Easter Greeting

Color fiery amaranth red, or it may be described as brilliant rose; each petal is marked with a large, dark brown, blotch in the center, bordered scarlet, daintily penciled crimson. Plants will bloom in late Winter and early Spring and continue until late Fall.

**DOUBLE IVY-LEAVED SORTS.** A variety very much in demand for basket and vase work; blooms freely. We have the leading varieties.

**GOLDEN FEATHER** (Pyrethrum). Golden foliage; Excellent for borders.

**HELIOTROPE.** Blue.

**ICE PLANT.** Grown for its peculiar leaves, which are covered with small watery pustules, and glisten like ice. Flowers white. 1 ft.

### IVY.

English Trailing.

German.

**LANTANA hybrida.** Free-flowering plants of shrubby growth; fine house plants; good for mixed beds, blooming all Summer.

**LEMON VERBENA.**

**LOBELIA.**

**Crystal Palace compacta.** Dwarf. Dark blue. 4 inches.

**erinus gracilis.** Dark blue, trailing.

**MARGUERITE.**

Pure white, yellow center.

Yellow, yellow center.

**Mrs. F. Sander.** Pure white, very double.

**MARIGOLD.**

**Mammoth African.** Assorted.

**Dwarf French.** Assorted. 1½ feet.

**MIGNONETTE.** Sweet scented.

**MUSA Ensete** (Banana Plant).

Extra large plants.

**MYOSOTIS** (Forget-Me-Not).

**NICOTIANA.** (Tobacco Plant).

Pure white single.

**PANSY.**

**Triumph Exhibition Strain of Choicest Colorings.** Special selected strain.

In baskets of mixed varieties.

**PETUNIA.**

**Giants of California.** Finest strain; splendid variety markings.

**Double.** Assorted colors.

**Single.** Assorted colors.

**Single Rosy Morn.** Bright rosy pink, white throat.

**PHLOX.**

**Drummondii.** Dwarf. Assorted.

**grandiflora.** Assorted. July to frost.

**RICINUS** (See Castor Oil Bean).

**SALPIGLOSSIS.** The funnel-shaped flowers are borne on long, slender stems, in the rich velvety shades of yellow, crimson and purple, which are beautifully penciled and veined; blooms very freely.

## Hydrangea Otaksa

This variety is used extensively for piazza and lawn decoration, producing immense heads of flowers, usually pink in color. Blooms throughout the entire Summer.

Specimen Plants, \$2.00 to \$5.00 each.

## French Hydrangea

New varieties have brought a variation in colors and form of bloom. We have selected the best of the newer varieties described below.

**Avalanche.** Large head; pure white flowers.

**La Lorraine.** Pale rose, turning to bright pink.

**Mad. Truffault.** Blue fringed.

**Mme. E. Mouillere.** Pure white.

**Mme. Maurice Hamar.** Very bright pink.

**Radiant.** Brilliant rose pink.

Specimen Plants, \$2.00 to \$5.00 each.

**SALVIA** (Scarlet Sage).

splendens.

Bonfire.

Zurich. Dwarf.

**SCABIOSA** (Mourning Bride). Assorted.



Petunia Ruffled Giants

**STOCKS.** 1 foot.

**Newport Beauty.** Our special strain. White, pink, lavender, red, purple, mixed.

**THUNBERGIA, Trailing.**

Yellow and white, dark eye.

**VERBENA** (Boston Mammoth). 1 foot. Mixed scarlet, purple, pink, white striped.

**VINCA, or PERIWINKLE.**

Variegated leaf. Trailing.

**VINCA rosea.**

Pink, White, White, pink eye. 1 ft.

**ZINNIA elegans.**

**grandiflora.** Choicest mixed varieties.

**Dwarf.** Assorted colors.

## HYBRID PERPETUAL ROSES

These roses are perfectly hardy and vigorous, producing a large crop of blooms during the month of June. On account of their exquisite colors and fragrance, they are very acceptable for cutting.

Roses sent by express only. Where there is no express office and it is necessary to ship by Parcel Post, we will, upon application, advise the amount needed for postage.

Each 50c., doz. \$5.00, 100 \$35.00. Pot-grown, each 75c., doz. \$8.00.

## The Boston Collection

Alfred Colomb  
Anna de Diesbach  
Baron de Bonstetten

Captain Hayward  
Frau Karl Druschki  
General Jacqueminot

Mrs. John Laing  
Mrs. R. G. S. Crawford  
Magna Charta

Madame Gabriel Luizet  
Paul Neyron  
Ulrich Brunner

The above twelve choice, hardy perpetual Roses, \$4.50.

**ALFRED COLOMB.** Rich red, very large and gobular, free blooming and fragrant.

**AMERICAN BEAUTY.** Deep rose, very large, gobular form; bad opener in dull weather.

**BARON DE BONSTETTEN.** Velvety maroon, shaded with deep crimson.

**BARONESS ROTHCHILD.** Very beautiful pale rose; superb form; splendid foliage. One of the handsomest popular Roses. Excellent late variety.

**CAPTAIN HAYWARD.** Scarlet crimson; long, smooth petals; good form, large, sweet-scented.

**CLIO.** Flesh color, shaded in the center with rosy pink; large and of fine form.

**DUKE OF ENDINBURGH.** Very bright vermillion; extra large and full.

**EARL OF DUFFERIN.** Rich velvety crimson, shaded with maroon; large, finely-shaped flower.

**EUGENE FURST.** In growth and foliage it is everything that could be desired; strong and vigorous, with thick, healthy foliage. The flower is a beautiful shade of velvety crimson, with distinct shading of crimson maroon.

**FISHER HOLMES.** Magnificent scarlet, shaded with deep velvety maroon; brilliant and large.

**FRAU KARL DRUSCHKI.** Undoubtedly the finest pure white Rose in existence. Color a pure snow white, very long buds, shell-shaped petals opening to very large flowers. A continuous and exceedingly free bloomer.

**GEORGE ARENDS or PINK FRAU KARL DRUSCHKI.** A pink form of the popular white rose, Frau Karl Druschki; it is large, full and deliciously scented; a remarkable bloomer.

**GENERAL JACQUEMINOT.** Too well known to require lengthy description. It still holds first place among the dark red Roses, and is one of the most satisfactory to grow.

**HUGH DICKSON.** A new hybrid perpetual of the highest order. Awarded gold medal by the National Rose Society. Flowers are large, full and perpetual; color brilliant crimson, shaded with scarlet.

**JOHN HOPPER.** A distinct variety of very easy culture. Color is a bright rose, the reverse of the petals being pale lilac. Very large and double.

**LOUIS VAN HOUTTE.** Deep crimson shaded maroon, vivid and distinct; large full-formed leaf.

**MAGNA CHARTA.** A general favorite, prized on account of its strong, upright growth and bright, healthy foliage, as well as for its magnificent bloom. Color bright pink.

**MARGARET DICKSON.** A magnificent Rose; white, with pale, flesh center; petals very large, shell-shaped, and of very great substance; fragrant.

**MERVEILLE DE LYON.** A beautiful white variety, with center slightly tinted a rosy peach. A grand, full-cup-shaped flower.

**MME. GABRIEL LUIZET.** Light silvery pink; grand flower; free bloomer; fragrant; hardy plant. One of the best.

**MME. PLANTIER.** Pure white; early Summer bloomer.

**MRS. JOHN LAING.** Soft pink; large; fine form; a good grower; abundant bloomer late in season.

**MRS. R. G. SHARMAN-CRAWFORD.** Clear rosy pink, the outer petals shaded with pale flesh. Very free flowering, and one of the best.

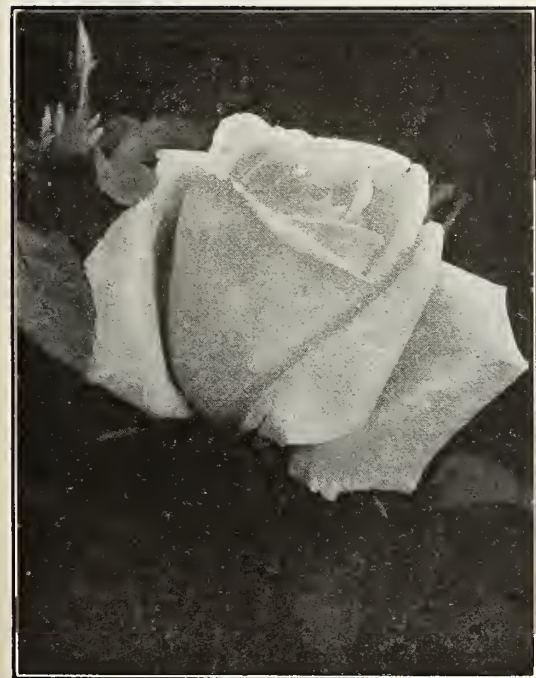
**M. P. WILDER.** Of vigorous growth, with healthy foliage; flowers large, semi-gobular, full, well-formed cherry carmine; very fragrant. It continues to bloom long after the other hybrids.

**PAUL NEYRON.** The largest-flowered in cultivation, and one of the most prolific bloomers; color deep, clear rose; very fresh and attractive.

**PRINCE CAMILLE DE ROHAN.** Deep velvety crimson maroon, full and of superb form. Generally considered to be the best of the dark Roses.

**SOLEIL D'OR.** See page 137.

**ULRICH BRUNNER.** Cherry crimson; large size; fine form; effective in the garden or for exhibition; a good forcing Rose; semi-double; it blooms early and continuously.

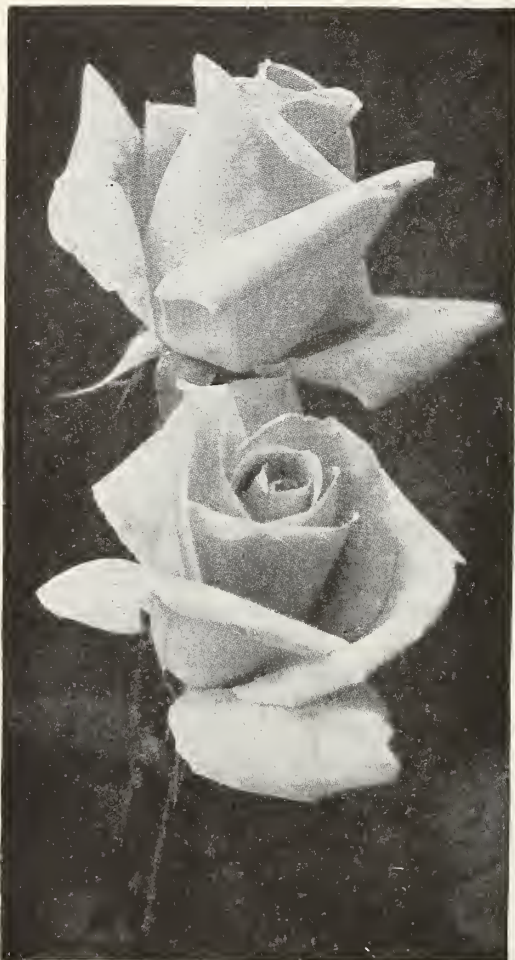


Rose, Frau Karl Druschki

## HYBRID TEA ROSES

The roses included in this section are valued especially for their free and continuous blooming qualities which render them invaluable. They are next in hardness to the Hybrid Perpetuals and require a little better winter protection.

Field-grown, each 60c., doz. \$6.00. Pot grown, each 85c., doz. \$9.00.



Kaiserin Augusta Victoria

**ARTHUR R. GOODWIN.** A splendid Rose. When the buds first open the color is copper mixed with orange red; later this is replaced by a soft salmon-pink.

**DUCHESS OF WELLINGTON.** One of the best yellow Hybrid Tea Roses. The color is a deep orange-yellow satined with crimson.

**EDGAR M. BURNETT.** Large, sweetly scented blooms of flesh-pink, tinted rose.

**EDWARD MAWLEY.** Deep purplish-crimson; dark blackish crimson when fully opened.

**GENERAL SUPERIOR ARNOLD JANSSEN.** Large globular flowers of deep glowing carmine. A free blooming sort that is especially valuable for cutting.

**GORGEOUS.** Glowing orange-yellow deeply veined with brick red. A strong, vigorous free-branching habit. A fine bedding rose.

**GRUSS AN TEPLITZ.** Few varieties have such a profuse blooming habit. They flower from early June until frost kills the buds. Of especial value as a bedding variety. Color scarlet, shading to velvety crimson; very fragrant.

**HOOSIER BEAUTY.** Beautiful in both bud and flower. The flowers are large, full and handsomely shaped; the color is dazzling scarlet.

**KILLARNEY.** Soft pink. Buds long and pointed. Because of its popularity this variety is well known.

**KILLARNEY QUEEN.** A handsome sport from the above variety. The blooms are large and well formed from bud to flower. Somewhat darker in color than the original Killarney.

**KAISERIN AUGUSTA VICTORIA.** The blooms are large, full and globular. The color is beautiful creamy-white. Fragrant and a free bloomer.

**LA FRANCE.** One of the oldest Hybrid Teas. The flowers which are large and globular are silvery-white on the inside and soft lilac-rose on the outside.

**LADY PIRRIE.** The blooms are large and nicely formed, somewhat pointed and higher at the center. The outside of petals is reddish salmon, the inside is flushed fawn on copper.

**LADY URSULA.** A handsome rose with wonderful fragrance. The blooms are large with broad, thick petals and of a smooth flesh-pink color.

**LA TOSCA.** Delightful soft pink tinted with rosy white. The bushes are vigorous growers, with sturdy erect stems. A reliable garden rose.

**LAURENT CARLE.** Large velvety-crimson flowers of great beauty and substance. A very hardy variety.

**LYON ROSE.** A lovely combination of orange-yellow, shading to reddish gold.

**MME. ABEL CHATENAY.** The flowers are large and full, with broad petals gracefully recurved. The color is a lovely carmine-rose shaded with salmon.

**MME. CAROLINE TESTOUT.** Very large flowers of great beauty. The broad petals are a bright satiny-rose slightly darkened at the center and soft carmine pink at the edges. The bushes are strong and vigorous and very productive of perfect blooms.

**MME. LEON PAI.** The inside of petals are velvety-salmon with salmon pink on the outside.

**MME. MELANIE SOUPERT.** An extra large flower of salmon-yellow, suffused with pink and carmine. The petals are large and broad. The bush is strong, sturdy and very productive.

**MARGARET DICKSON HAMILL.** Maize-straw on the front of petals, shading to a delicate crimson on the edges of the reverse side.

**KEVROUW DORA VAN TETS.** Deep glowing crimson with velvety shading. Retains its fiery red color in the open flower. Very fragrant.

**MILDRED GRANT.** Petals silvery white, edged with rosy-pink; very large size and of good substance.

**MISS CYNTHIA FORDE.** Large perfectly formed flowers; brilliant rosy-pink on the face of the petals fading to light rosy-pink on the reverse side.

**MRS. AMY HAMMOND.** Pale amber with apricot shading.

**MRS. AARON WARD.** A strong bush producing a profusion of flowers. The buds are long and shapely and open into cup-shaped flowers of deep yellow. Very large and full.

**MRS. ANDREW CARNEGIE.** White with an occasional tint of lemon at the base of the petals. Blooms are very large.

**MRS. CHARLES RUSSELL.** Bright rose-pink deepening toward the center. The blooms are large, globular and of fine form when fully developed. The bush is strong, sturdy, of branching habit and very productive.

**MRS. WEMYSS QUIN.** A valuable rose of recent introduction. The bloom becomes a deep canary-yellow when fully opened; the guard petals are singed crimson-orange tipped with brilliant coppery crimson.

**NATIONAL EMBLEM.** Very large; color dark crimson overlaid with velvety-crimson and shading to vermilion at the edges.

**OPHELIA.** Considered one of the best roses of its color. The blooms are large and full; of a light salmon-flesh color with yellow at the base of the petals. Erect habit with long stiff stems.

**OLD GOLD.** Vivid reddish-orange with rich red and apricot shading.

**PHARISAER.** The flowers which are elongated in shape, large in size and full in form are produced in profusion on strong and erect branching plants.

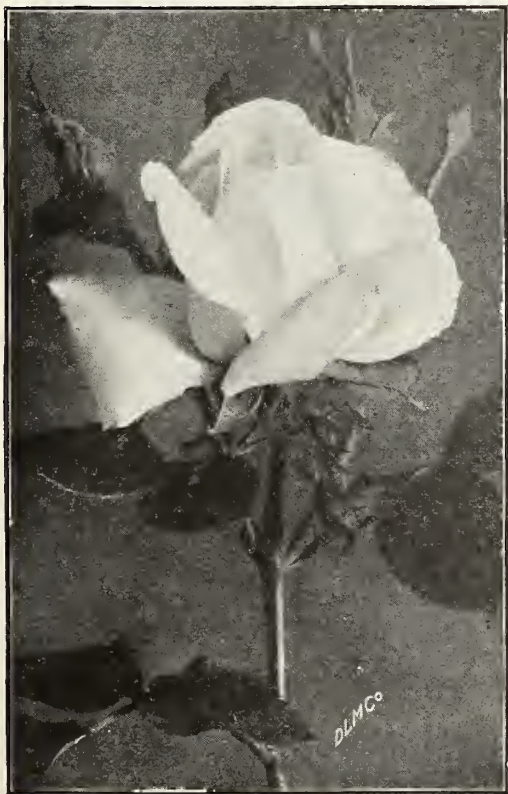
**RADIANCE.** An erect strong growing-rose, producing an abundance of large rosy carmine flowers, suffused pink and yellow coppery red. One of the leading roses of this color.

**WILLIAM COOPER.** Deep, rich red.



Lady Pirrie

**POT GROWN ROSES** can be planted at any time during the summer. If you can not attend to the planting of dormant Roses in April and May you will have excellent results with our pot-grown roses for later plantings.



The "Lion"

## PERNETIANA ROSES

A recently introduced class of roses, peculiar in the richness of the yellow, orange, and bronze-red shades of the buds and blooms. The varieties are mostly hybrids of the very hardy Austrian Briar type. They bloom freely and are of good value. They are as hardy as the Hybrid Teas.

**CONSTANCE.** Flowers, medium to large, double in form and possess a very pleasing golden yellow color.

**LADY MARY WARD.** Flowers rich orange, shaded deeper apricot-orange with a metallic sheen. A vigorous grower and of erect habit.

**MME. EDOUARD HERRIOT.** Coral red buds, opening to semi-double medium-sized flowers of coral-red, shaded with yellow and bright rosy-scarlet. An extraordinary rose.

**MARIE ADELAIDE, GRANDE DUCHESSE DE LUXEMBOURG.** Deep orange-yellow flowers of perfect form, with a delicate perfume. The buds are long, on erect stems.

**MRS. FREDERICK W. VANDERBILT.** Deep orange-red shaded bronze-apricot red. An attractive variety in both bud and flower.

**RAYON D'OR.** Coppery orange-red bud, streaked with brilliant scarlet bars, opening to large full flowers of superb yellow when fully expanded.

**SOLEIL D'OR.** A vigorous straight-branching variety with buds of a lovely yellow, opening to large full flowers from 3 to 4 inches in diameter and of a color varying from orange-yellow to a ruddy gold, shaded with nasturtium-red.

**WILLOWMERE.** Carmine coral-red bud, opening to a rich pink shaded yellow in the center and toning to carmine-pink at the edge of the petals.

## F. F. R. Collection Hybrid Tea and Pernetiana Roses

Twelve Varieties - - \$5.50

CAROLINE TESTOUT  
GRUSS AN TEPLITZ  
KAISERIN AUGUSTA  
VICTORIA  
KILLARNEY  
LADY ALICE STANLEY  
LA FRANCE

LADY URSULA  
MILDRED GRANT  
MAD. EDOUARD HERRIOT  
MRS. CHAS. RUSSELL  
RAYON D'OR  
WILLOWMERE

## STANDARD or TREE-SHAPED ROSES

Each \$1.25, doz. \$12.00

**GENERAL JACQUEMINOT.** Too well known to require lengthy description.

**JOHN HOPPER.** Color is a bright rose, the reverse of the petals being pale lilac. Very large and double.

**PAUL NEYRON.** Large-flowering variety of deep, clear rose color. Very hardy.

**KILLARNEY.** Very popular pink Hybrid Tea.

**FRAU KARL DRUSCHKI.** Finest pure white in existence.

**MAGNA CHARTA.** Color bright pink. Strong upright growth.

**MRS. JOHN LAING.** Soft pink; large; fine form; a good grower; abundant bloomer late in season.

**ULRICH BRUNNER.** Cherry crimson; early and continuous bloomer.

**GRUSS AN TEPLITZ.** Scarlet shaded to crimson.

**KAISERIN AUGUSTA VICTORIA.** Cream, slightly shaded lemon, deeper in center.

**CRIMSON RAMBLER.** Bright crimson flowers borne in immense clusters during June and July.

**PINK BABY RAMBLER.** Beautiful deep pink, showing the yellow stamens.

## HARDY CLIMBING ROSES

We have selected from the newer sorts all those which have proved of superior merit and believe our selection strictly up-to-date. All Roses offered under this section are extra strong selected nursery-grown stock, and far superior to the quality as generally offered.

**Climbing American Beauty** Same as its namesake in size, color and fragrance, with the addition of the climbing habit, better blooming qualities, good foliage, and has proven hardy. **Each 75c.**

**American Pillar** A climbing Rose of recent introduction. It is of the Rambler type. Flowers are borne in clusters, which are followed in the Autumn by brilliant red seed, making it exceedingly attractive at all seasons of the year. The flowers are large, single and of a chaste shade of pink, with bright yellow stamens in the center. **Extra strong. Each 50c.**



White Dorothy Perkins

**Crimson Rambler** Bright crimson flowers borne in immense clusters during June and July. Extra strong plants. **Each 35c., doz. \$3.50; extra selected plants. Each 50c., doz. \$5.00.**

**Dorothy Perkins** A variety of Pink Rambler and rivaling the Crimson Rambler in vigour of growth and freedom of bloom. Countless clusters of double pink flowers of a most beautiful shade. Strong, selected dormant plants. **Each 35c., doz. \$3.50; Selected, extra strong, bushy. Each 50c., doz. \$5.00.**

**WHITE DOROTHY PERKINS.** This new Rose has all the characteristics of its famous parent, except that the flowers are pure white. A splendid acquisition to the Rambler family of Roses.

Strong two-year plants, **Each 50c., doz. \$5.00.**

**Excelsa** Very vigorous in growth, with dark, glossy foliage. The flowers are very double, produced in large trusses of thirty to forty blooms; color a crimson maroon, tips of petals tinged with scarlet. **Each 50c., doz. \$5.00.**

**Flower of Fairfield** The New Everblooming Crimson Rambler. Of the numerous recent introductions, this stands foremost as a crimson-flowered Rambler, and the fact that it is a perpetual bloomer makes it exceedingly popular. Flowers bright crimson, more brilliant than the common Crimson Rambler.

Strong, two-year plants. **Each 50c., doz. \$5.00.**

**Hiawatha** A single-flowering variety of great beauty. In color it is brilliant ruby carmine, with a white eye. Strong, vigorous grower. **Each 50c., doz. \$5.00.**

**Lady Gay** Immense clusters of double flowers, delicate cherry pink, fading to white; foliage is splendid, and of a glossy deep green shade. Extra strong plants. **Each 50c., doz. \$5.00.**

**Silver Moon** Clear silvery-white with bright yellow stamens, large, fragrant flowers; growth vigorous and free blooming. **Each 75c.**

**Tausendschön** New Rambler Rose. It has the same vigorous habit of growth as the other Ramblers, making growths in a season of over 10 ft., which are almost devoid of thorns. Bears immense clusters of flowers, a soft pink when opening, changing to carmine rose on the reverse as they fully expand. Extra strong two-year-old plants. **Each 50c., doz. \$5.00.**

**Trier** A new perpetual-flowering Pink Rambler. Without doubt the best Rose of its class and color yet introduced. A strong grower. Flowers borne in large clusters; pale rose, changing to white, each showing a large cluster of yellow stamens.

Strong two-year plants. **Each 50c., doz. \$5.00**

**Baby Ramblers, Dwarf Bedding Roses**

A type of Rose which is becoming very popular for bedding purposes. They form shapely, compact, bushy specimens, about 18 inches high, producing in great profusion, from early in the season until severe frost, immense trusses of small flowers.

**BABY DOROTHY.** Nothing can surpass its beauty in a deep pink shade. It has all the flowering qualities of the famous Dorothy Perkins, but being dwarf, it is completely smothered in flowers throughout the Summer and Fall. Strong field-grown plants. **Each 50c.**

**CRIMSON BABY RAMBLER** (Mme. Norbert Levavasseur). Crimson flowers similar to the popular climbing Crimson Rambler.

Strong two-year plants. **Each 50c.**

**MRS. WM. H. CUTBUSH.** A beautiful cherry pink and very free flowering. Strong two-year. **Each 50c.**

**WHITE BABY RAMBLER** (Katherina Zeimet). Pure white flowers, showing the yellow stamens very prettily, produced in large candelabra-shaped trusses.

Strong two-year plants. **Each 50c.**

**Rugosa Roses and Hybrids**

For massing or hedge planting, the Rugosas cannot be excelled. The hybrids are attractive in the garden.

**ROSA RUGOSA.** An upright shrub attaining 5 to 6 ft. in height; foliage shining dark green; not attacked by insects; flowers single, red, fragrant and produced freely from June to December; fruit bright crimson.

**Each 35c., doz. \$3.50.**

**R. ALBA.** The habit and foliage are similar to the above, but the flowers are pure white; fragrant. **Each 35c.**

**R. CONRAD FERDINAND MEYER.** It is a strong, robust grower. The flower is clear silvery rose, very large and double; delightfully fragrant.

**Each 50c., doz. \$4.50.**

**R. MME. GEORGES BRUANT.** This is a very free-blooming white variety; a strong grower and blooms continuously; flowers semi-double. **Each 50c., doz. \$4.50.**

**Rosa Wichuraiana** (The Memorial Rose). Beautiful, fragrant, single, pure white flowers, with yellow stamens, followed in the Fall with bright red berries. **Each 50c.**

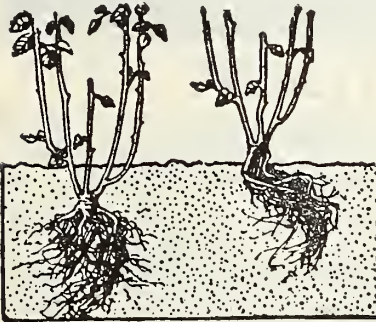
**How to Grow Roses**

Select a sunny location in the open, southern exposure preferred, sheltered, if possible, from north winds.

**Prepare Beds** by using good soil and cow or well rotted horse manure. Old sod well cut is also beneficial. Beds should be at least two feet in depth. For convenience of customers we offer cow manure put up in bags.

**Planting**

Budded Roses have much stronger roots, and show by an abrupt offset where the bud was inserted and the stock cut off. When transplanted, this junction must be set **3 or 4 inches below the surface** of the ground. This favors the formation of new roots from the budded or top portion and greatly lessens the tendency of the roots to send up suckers, which must never be permitted to grow. The roots must not be exposed to frost nor allowed to become dry. The soil should be firmly compressed about the roots, and most of the top should be cut away before planting. If the soil and weather be dry, a good soaking of water may be applied, and then shade the ground and plants with mulching. If shaded by paper or other devices from drying winds until they commence growing, their success will be assured. The season for transplanting hardy Roses is April, May, October and November.



Properly planted      Improperly planted

**Pruning.** This should be regulated by the habit of growth, the weak shoots cut in closely, the strong left longer. Moss Roses need the least pruning. Hybrid Perpetual, grown to produce flowers for exhibition, require close pruning before the middle of April, the weak shoots being cut close back, and the strong ones to 5 or 6 eyes. If less is cut away the number of blooms will be larger, but the size of the flowers will be smaller. Climbing Roses should have their old shoots and such as are weak entirely cut away, while several vigorous branches may be left their entire length.

**Watering.** In dry weather water is of much benefit, if properly applied. Frequent surface waterings are worse than none, for they seldom fail to produce bad health and disease. When water is given, it should be in sufficient quantity to reach the lower roots, and to prevent its quickly drying out a mulch on the surface is very useful.

**For Winter protection,** draw the soil 1 foot high about the plants, or even more, if convenient. Manure can be put on for additional protection.

**To Combat Insect Pests and Fungous Diseases** the following remedies may be safely and effectively applied. The preparations for blights and mildews must be used as preventives before they actually appear, and it is a good plan also to apply the poisons while the leaf eaters are small and few in number. The young are more easily killed than the old bugs. Plant lice can be killed by contact alone. Full directions will be found in each package.

**FOR BLIGHTS AND MILDEWS**

**Bordeaux Mixture Liquid.**

Qt. 45c., gal. \$1.30, 5 gals. \$5.25.

**Bordeaux Mixture Dry.**

Lb. 40c., 5 lbs. \$1.65.

**Copper Solution.**

Qt. \$1.25, gal. \$3.60.

**Fungine.**

½ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.50.

**Grape Dust.**

Lb. 25c., 5 lbs. 75c.

**Pyrox.**

Lb. 35c., 5 lbs. \$1.40, 10 lbs. \$2.50, 25 lbs. \$5.75.

**Sulphur.**

Lb. 10c., 5 lbs. 40c.

**FOR LEAF-EATING INSECTS**

**Arsenate of Lead Paste.**

Lb. 35c.,

2 lbs. 65c., 5 lbs. \$1.35, 10 lbs. \$2.40, 25 lbs. \$5.50.

**Arsenate of Lead Dry.**

Lb. 60c., 5 lbs. \$2.60, 10 lbs. \$4.75.

**Paris Green.**

¼ lb. 25c., ½ lb. 40c., lb. 75c.

**Pyrox.**

Lb. 35c., 5 lbs. \$1.40, 10 lbs. \$2.50, 25 lbs. \$5.75.

**FOR PLANT LICE OR APHIS**

**Aphine.**

Gill 25c., ½ pt. 40c., pt. 65c., qt. \$1.00.

**Black Leaf "40."**

Oz. 25c., ½ lb. 75c., 2 lbs. \$2.50.

**Whale Oil Soap.**

Lb. 25c., 5 lbs. \$1.00, 10 lbs. \$1.95.

**Nikoteen.**

1¾ ozs. 40c., ½ lb. \$1.05, 1 lb. \$1.85.

**Plant Lice Killer.**

Pt. 25c., qt. 40c.

**Thrip Juice.**

Pt. 70c., qt. \$1.15, gal. \$4.00.

**FOR RED SPIDER**

**Gishurst's Compound.** (Imported).

\$1.00.

**Red Spider Emulsion.**

Qt. 50c., gal. \$1.50.

**FOR ROSE SLUGS**

**Bug Death.**

Lb. 20c., 3 lbs. 50c., 5 lbs. 70c.

**He-bo.**

½ lb. 20c., lb. 35c.

**Slug Shot.**

Lb. 20c., 5 lbs. 50c., 25 lbs. \$2.35.



## HARDY PERENNIAL PLANTS

**POT-GROWN PERENNIAL PLANTS.** We have a large selection of these perennial plants growing in pots, (3½-in.) to accommodate those who are unable to attend to early Spring planting.

Plants are shipped (purchaser paying charges) by express. If wanted by Parcel Post add 5c. each to single price for small quantities. Add 10 per cent. to dozen price for delivery east of Mississippi River and 20 per cent. to dozen price for delivery west of Mississippi River.

The size mentioned in the descriptions indicates the approximate height that the plant may be expected to attain at maturity. The months represent the season of bloom.

Prices of Perennials, except where otherwise noted, 20c. each, \$2.00 per doz., \$15.00 per 100.

### Collection of Perennials

Twelve varieties: Our Selection ..... \$1.50

Twenty-five varieties: Our Selection..... 2.75

Fifty varieties: Our Selection..... \$5.25

One hundred varieties: Our Selection..... 10.00

**ACANTHUS mollis.** (Bear's Breech.) Deeply cut shiny foliage, flowers white. July to September. 3 ft.

**ACHILLEA ptarmica, "The Pearl."** Small double-white flowers in open heads, blooming profusely all Summer. 2 ft.

**ACONITUM Napellus.** (Monkshood.) Dark blue flowers hooded in dense heads from July to September. 3 ft.

**Napellus album.** Pure white-hooded flowers.

**Napellus bicolor.** Flowers blue and white.

**AGROSTEMMA coronaria.** (Mullein Pink.) An excellent plant for borders and of very easy cultivation. Flowers are bright crimson, blooming during June, July and August. 2 ft.

**Flos Jovis.** Bright pink flowers; quite large. June to September. 1½ ft.

**ANCHUSA Italica.** (Dropmore Variety.) New. The bright blue Forget-Me-Not-like flowers are borne on graceful stems during the entire season and way late into the Fall. 3-5 ft.

**ANEMONE Japonica.** The varieties of Anemone Japonica are among the most beautiful of our hardy perennials, flowering about the first of August and continuing till frost. They are at their best in September, and at that time they are the most attractive plants in the garden. They are quite hardy and will stand our New England Winters fully as well as any other perennials.

**alba.** Flowers pure white, with prominent yellow stamens. Flowers produced on long stems.

**Lady Ardilaun.** A very robust form of the above with large, massive foliage.

**Beaute Parfaite.** Pure double white flowers and the best of its color.

**Elegantissima.** Large semi-double rose flowers borne on long stems.

**Prinz Heinrich.** Of dwarf, compact habit, with very large, semi-double dark red flowers.

**Queen Charlotte.** A very beautiful semi-double variety, light pink in color.

**Whirlwind.** A semi-double form of A. alba. Of the same habit of growth, but more free-flowering, lasting much longer than the single sorts.

**ANTHEMIS Kelwayi.** Bright yellow flowers; Daisy-like. July to September. 2 ft.

**AQUILEGIA chrysantha.** (Golden spurred Columbine.) Flowers are a pure golden yellow with long spurs. Very fragrant and one of the best of the Columbines. June to September. 3 ft.

**chrysantha alba.** A white-flowering form of above.

**cærulea.** (Rocky Mountain Columbine.) Large violet-blue and white flowers with long spurs. 2 to 3 ft.

**cærulea alba.** A pure white form of *Cærulea*.

**Long-spurred Varieties.** A selected strain of immense flowers in all the brilliant shades.

**ARABIS alpina.** (Rock Cross.) Charming white flowers in Spring. Dwarf, free flowering; adapted for rock-gardens and borders. 6 in.

**ARMERIA maritima.** (Cushion Pink.) Deep crimson flowers on stiff stems during the Summer, above evergreen tufts of foliage. 1 ft.

**ARTEMISIA Absinthium.** (True Wormwood.) Spreading and shrubby. Leaves deeply cut and silky-white. 2 ft. **Each 30c., doz. \$2.50.**

**ASPHODELINE lutea.** A very handsome perennial with dense spikes of yellow flowers. June and July. 3 to 4 ft.

**ASCLEPIAS tuberosa.** (Butterfly Weed.) Flowers are a bright orange and are borne in terminal flat clusters. Will succeed best on dry soil. June to September. 2 ft.

**HARDY ASTERS.** (Michaelmas Daisies.) These are very handsome and useful. The list of sorts we offer is a selection of the finest varieties. They flower at a time when few hardy plants are in bloom.

**Arturens.** Bright red. Aug. to Oct. 3 ft. A profuse bloomer and one of the best yet introduced.

**Climax:** The largest deep blue variety. 4 ft.

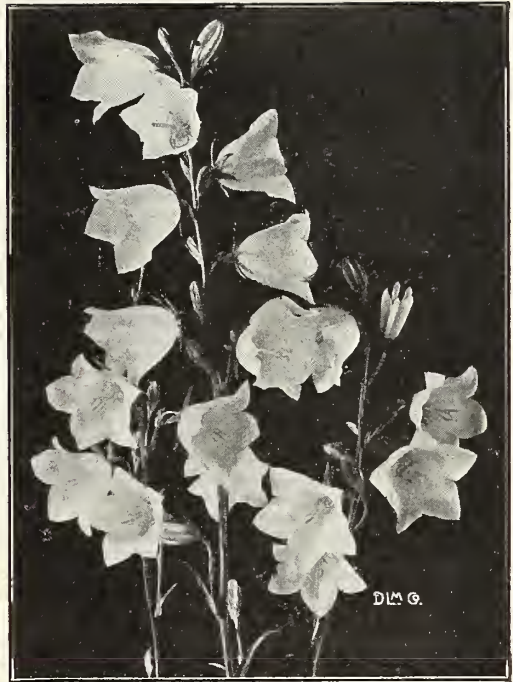
**ericoides.** White with yellow center. October and November 3 ft. Flowers small; free flowering.

**Lady Trevelyan.** Large, pure white flowers; quite early. 3 to 4 ft.

**longiflora formosissima.** Dense head of rosy purple flowers of medium size. 3 ft.

**Madonna.** The best late pure white. 3 ft.

**Novæ-Angliæ.** (New England Aster.) Violet-purple large flowers. Sept. and Oct. 4 ft.



*Campanula Persicifolia*

#### ASTERS—Continued

**Novæ-Angliæ roseus.** Rosy crimson. Late.

**Novæ-Angliæ rubra.** Deep red. 5 ft.

**Tataricus.** Purple. 6 ft. Sept. and Oct.

**BLEEDING HEART.** See *Dicentra*.

**BOLTONIA latisquama.** Very showy pink flowers, fine for cutting. Blooms very profusely during August and September. 4 to 5 ft.

## Campanula (Bluebells)

The beauty of the Bluebell is well known. It is a genus of plants, rich in color, profuse in bloom and of easy culture.

**medium.** (Canterbury Bells.) Old-fashioned hardy biennials that rank among the most popular of our garden plants, growing to a height of 2½ to 3 ft. Flowers large, bell-shaped, produced in June and July. They will thrive in any good garden soil and prefer a sunny location.

**Single Blue, Lavender, Mauve, Rose, White.**

**medium Calycanthema.** (Cup and Saucer.) A very popular form of Canterbury Bells, having calyx colored like the corolla. The formation of calyx and corolla is quite distinct and appropriately described by its common name, Cup and Saucer. **Blue, White and Rose.**

**Carpatica.** (Harebell.) A dwarf, compact-growing variety with blue, bell-shaped flowers, borne erect to a height of 9 in., from June to September.

**Carpatica alba.** Similar to preceding except in color, which is a pure white. Fine for borders.

**glomerata.** Dwarf-growing Campanula, with handsome clusters of dark blue flowers. Of great value for rock-work and borders. **Each 30c., doz. \$2.50.**

**grandiflora.** See *Platycodon*.

**persicifolia gigantea Moerheimi.** A superb variety. The flowers are all very double, pure white and measure 3 to 3½ in. across.

**persicifolia grandiflora.** Large, purple, bell-shaped flowers during June and July, and borne on a spike 3 to 3½ ft. high.

**persicifolia grandiflora alba.** A pure white form of above.

**rotundifolia.** (Scotch Blue Bell.)

**CANDYTUFT.** See *Iberis*.



*Campanula Medium Calycanthema*

**CARNATIONS, Hardy.** See *Dianthus*.

**CENTAUREA montana.** Large bluish-purple flowers in July, August and September. 2 ft.

**CHRYSANthemum, Early Large Flowering.**

**Jack Bannister.** A good all round yellow.

**Mrs. F. Collier.** A good pure white.

**Normandie.** A very pretty light pink, deeper center.

**Mignon.** A beautiful rosy crimson.

**L'Argenteuilais.** Chestnut red.

**Glory of Seven Oaks.** A very profuse yellow.

**Perles Chatillonnaise.** Sulphur-white. One of the best. **Each 35c., doz. \$2.50, 100 \$18.00.**

**CHRYSANthemum.** (New Giant Pompon.) Grows 5 ft. tall, with flower 3 in. in diameter; early flowering and hardy.

**Bayona.** Lavender. **Each 35c., doz. \$2.50.**

**Orient.** Pure white. **Each 35c., doz. \$2.50.**

Plants from 2½-in. pots bloom first season.

**CHRYSANthemum, Hardy Pompon.** The hardy Pompons are rapidly coming into general favor, as bedding plants. Flowers are very double and borne in great profusion from September to frost. Well established plants. **Each 30c., doz. \$2.50, 100 \$18.00.**

**Aberdeen.** Bright maroon; semi-double; large.

**Bridesmaid.** A delicate blush; good, double flower.

**Daybreak.** Pink, tinged with yellow.

**Globe d'Or.** Dwarf; clear yellow; large flower.

**Gold Finch.** Golden yellow, shaded crimson.

**Golden Pheasant.** Orange yellow.

**Grace Darling.** Lilac, shaded with pink center.

**King Henry.** Double sulphur white; large.

**Rhoda.** Light pink; double; very floriferous.

**Ruby Queen.** Handsome, dark ruby red; desirable.

**Surprise.** Clear lilac shade; quite distinct.

**White Queen.** Pure white; large flower.

**CHRYSANthemum Leucanthemum.** (Shasta Daisy.)

Very large, Daisy-like flowers, often measuring 4 in. across. Three or more rows of petals of the purest white and borne on single, stiff stems. In bloom from July to frost. 2 ft.

**maximum.** Flowers large; petals pure white, center yellow and often overlapping. Continues in bloom all Summer and is perfectly hardy.

**COREOPSIS grandiflora.** Handsome yellow flowers with brown center. Considered by many to be the best *Coreopsis* we have.

**lanceolata.** A superb variety for cutting. Flowers are golden yellow and fully 3 in. in diameter. Very profuse bloomer. June to frost. 2 ft.

## Delphinium (Larkspur)

A remarkable showy class of tall growing plants, producing magnificent spikes of blue flowers in Summer. It will bloom continuously if cut back when the flowers begin to fade.

**Belladonna.** Beautiful, clear blue, with white eye; dwarf habit, free flowering, blooming all Summer.

**Chinese Album.** A pure white Larkspur bearing flowers in open heads. Grows about 3 ft. high.

**Chinese azureum.** A delicate, clear blue form of above.

**Elatum.** (Bee Larkspur.) Dark blue flowers on extra long spikes. 5 to 6 ft.

**Formosum.** The most popular and considered by many the best of the Larkspurs. Flowers are a deep blue, having a white eye, and are produced on long spikes. 4 ft.

**Formosum coelestinum.** Similar to *Formosum*, but light sky blue in color.

**King of Delphiniums.** Dark blue. June and July. 4 to 5 ft. Sun or half shade. **Each 30c., doz. \$2.50.**

**DIANTHUS barbatus.** (Sweet William). **Assorted Colors.** One of the finest and best known of our old garden plants. Flowers of the most brilliant colors and borne in heads quite profusely.

**nigricans.** Dark red.

**alba.** Pure white.

**DIANTHUS plumarius.**

**Elizabeth Peters.** (New.) Strawberry color, yellow tinted crimson center. Single, sweet scented, and everblooming. Hardy. **Each 50c.**

**Her Majesty.** Very fragrant flowers, large, double and pure white. Excellent for cutting.

**plumarius, Assorted.** Hardy Carnation, in colors of red, white and pink. June and July. 1 ft.

**Perpetual Snow.** Pure white, double and very large. The flowers are delicately scented and the stems strong. It blooms constantly and freely.

**DICENTRA spectabilis.** (Bleeding Heart.) Blooms in May and June, and has long, graceful racemes of rosy-red flowers, with protruding white inner petals. **Each 30c., doz. \$2.50.**

**DICTAMNUS Fraxinella.** (Gas Plant). Fragrant foliage and showy terminal racemes of light red flowers. June-July. 3 ft.

**Fraxinella alba.** A pure white form of the above.

**DIGITALIS.** (Foxglove.) Old-fashioned hardy biennial plants with broad foliage and showy flowers borne on spikes. June and July.

**Gloxiniaeflora alba.** Beautiful Gloxinia-shaped flowers pure white.

**Gloxiniaeflora.** Purple.

**Gloxiniaeflora rosea.** Handsome pink.

**DORONICUM plantagineum excelsum.** Very large orange-yellow flowers, with darker center, borne during May, June and July. 2 ft.

**ERIGERON speciosus.** (Fleabane.) Handsome, light blue, finely cut petals with yellow center. In bloom from June to Oct. 2 ft.

**EUPATORIUM purpureum.** (Joe Pye Weed.) Very large, showy panicles of purple flowers. Will thrive in any kind of soil. August and September.

**FUNKIA (Hosta) undulata variegata.** Green leaves margined and edged white. Fine for borders and edgings. **Each 25c., doz. \$2.00.**

**subcordata grandiflora.** Large white flowers, borne in heads. Foliage green, pointed; sweet-scented. 18 in. August and September. **Each 25c., doz. \$2.00.**

Six or more plants of any one variety at the rate per dozen: twenty-five at the rate per hundred.



Aquilegia and Digitalis



Japanese Iris

**GAILLARDIA grandiflora.** One of the showiest of perennials. Ray flowers ranging from red to yellow, around a dark maroon center. 3 ft. June to frost.

**GYPSOPHILA paniculata.** (Baby's Breath.) Minute white flowers borne in enormous quantity in open panicles during Summer months. Valuable for cutting. 3 ft.

**Paniculata fl. pl.** (Double.) An excellent double, pure white. Each 30c., doz. \$2.50.

**HELIANTHUS decapetalus multiflorus.** (Double Sunflower.) Large double, yellow flowers during Summer and Fall. 4 to 5 ft.

**scaberrimus (rigidus).** A beautiful orange-yellow variety, blooming from July to September.

**HELIUM Bigelowii.** Handsome yellow flowers with brown center, borne during Summer. Ray flowers serrated and overlapping in several rows. 2 ft.

**autumnale pumilum.** Grows 2 ft. high, producing a great number of large, yellow flowers from June to Autumn.

**autumnale superbum.** Large, yellow flowers, with drooping rays borne in immense panicles. 6 to 7 ft. July to September.

**Hoopesii.** Bright orange-yellow flowers from June to September. 5 to 6 ft.

**HELIOPSIS Pitcheriana.** Deep orange-yellow flowers; early to late Summer; long, stiff stems. Fine for cutting. 3 ft.

**HEMEROCALLIS.** (Day Lily). **Apricot.** 2 ft. A pretty seedling variety about the size of *H. fulva*, of a clear, bright orange. Each 30c., doz. \$2.50.

**aurantiaca.** A splendid plant from Japan, with large trumpet-shaped flowers of a deep orange color and sweetly scented. July-Aug. 3 ft.

**flava.** (Lemon Lily.) 3 ft. May and June. Flowers clear, full, yellow; very fragrant; fine for cutting.

**Fulva.** Large yellow. 3 ft. June and July. Each 30c., doz. \$2.50.

**HEPATICA.** (Anemone Hepatica.) A beautiful, early, hardy flower. In sheltered spots on porous soil the foliage will remain through the Winter. The Hepatica is a deep rooter, hence it thrives so well upon made banks. Where let alone and not often pulled to pieces it makes strong tufts. **Assorted Colors.**

**HEUCHERA sanguinea.** Small, scarlet flowers in large graceful panicles. One of the best of the scarlet perennials. 18 in.

**HIBISCUS, Crimson Eye.** Large, showy white flowers, with a crimson-purple eye. August and September. 6 to 7 ft.

**militaris.** Large, light pink flowers, crimson center. July to September. 5 to 6 ft.

**Moscheutos albus.** (Swamp Mallow.) Beautiful,

large, white flowers in August and September. 3 to 4 ft.

**Moscheutos roseus.** A pink form of above and one of the handsomest large-flowering perennials.

**HOLLYHOCK.** (*Althæa rosea*.) The large assortment of colors and shade make it one of the most attractive of all biennials. 5 to 6 ft. July-Aug.

**CHATER'S PRIZE DOUBLE.** This strain, without doubt, is the equal of any other in range of color, perfection of form and percentage of double flowers.

**Flesh Color, Pure White, Red, Bright Rose, Deep Maroon, Sulphur Yellow.**

Each 25c., doz. \$2.00, 100 \$12.00.

**SINGLE.** In separate colors. **Bright Rose, Flesh Color, Maroon, Red, Sulphur Yellow, White.**

Each 25c., doz. \$2.00.

**Mammoth Alleghany Hollyhock.** A grand flower seldom less than 4 in. in diameter and of very transparent texture. Each 25c., doz. \$2.00.

**HYPERICUM Moserianum.** (Gold Flower.) Large, showy, yellow flowers from June to frost. 18 in.

Each 25c., doz. \$2.00.

**IBERIS sempervirens.** (Hardy Candytuft.) The perennial Candytufts are evergreen, form dense masses of pretty foliage and are covered with clusters of fragrant white flowers early in the Spring. April, May. 10 in.

## Japanese Iris (Iris laevigata)

This well known beautiful Iris displays a great variety of colors, the chief of which are white, maroon, dark blue and violet. Many of these Iris are veined, mottled or flaked with different colors. There are both single and double forms. These gorgeous flowers come into bloom early in July and are very showy if planted in masses.

**Order by number. Each 30c., doz. \$2.50, 100 \$18.00.**

4. **Kumo-no-obi.** Double violet-purple, white center.

7. **Sofu-no-koi.** Double light blue, with pink marking.

8. **Mana-dowru.** Double white, penciled blue, purple center.

10. **Yomo-no-umi.** Double maltese lavender, purple center, penciled.

11. **Mei-ran.** Single carmine rose.

12. **Kuma-funjin.** Double, dark purple, blue center.

13. **Taihei-raku.** Single, dark crimson.

14. **Hana-aoi.** Double, bright violet-blue, shaded white.

15. **Uchin.** Double bluish purple, veined white.

16. **Oshkun.** Double navy-blue, purple center.

19. **Kimi-no-megumi.** Single, light blue, penciled, red center.

20. **Kumo-nouys.** Double, very dark bluish purple.

23. **Oniga-shima.** Double, violet purple-sapphire center.

26. **Senjo-no-hora.** Double, dark red splashed white.

28. **Shira-taki.** Double, white with yellow marking.

29. **Shiga-no-wia-nami.** Double, sapphire and blue, penciled white.

30. **Kagaribi.** Double, rose red, penciled white

31. **Kosui-no-iro.** Double, very light blue, white center.

32. **Komochi-guma.** Single, very dark bluish purple.

33. **Kaku-jaku-ro.** Single, light pink and blue, penciled white.

34. **Momiji-no-taki.** Double, pink ground, blue and yellow veined.

35. **Shuchiu-krva.** Single, white, margined with pink.

36. **Yedo-kagami.** Single, dark red, purple center.

39. **Tsurugi-no-mai.** Single, dark maroon.

40. **Iso-no-nami.** Double, blue, splashed white.

41. **Oyodo.** Single, dark purple.

44. **Koydai-san.** Double, very dark blue, penciled white.

## German Iris (*Iris Germanica*)

The German Iris begins flowering about the middle of May and continues in bloom nearly four weeks, when they are succeeded at the middle of June by the Japanese Iris.

**Adonis.** Standard, clear yellow, falls, primrose, freely veined and tipped madder red. 18 in.

**Albino.** Standard, pale lavender; falls, tipped with royal purple. 18 in.

**Black Prince.** Standard, purplish lilac; falls, rich velvety black.

**Chameleon.** Standard, delicate blue; falls, tipped a little darker.

**Charlotte Patty.** Standard, golden yellow; falls, lightly veined blue.

**Fairy Queen.** Standard, lavender; falls, tipped and reticulated violet. 22 in.

**Florintina alba.** Producing large, fragrant white flowers. 2 ft.

**Garrick.** Standard, light blue; falls, a darker violet blue.

**Lilacina.** Small flowers. White and mottled.

**Madam Chereau.** White feathered edges of sky blue; free flowering; very beautiful. 32 in.

**Madam de Brabant.** standard, lavender; falls, purple streaked.

**Dalmatica.** Standard, lavender; falls, lavender tinged purple; flowers very large and fine. 40 in.

**Pauline.** Standard, light blue; falls, slightly darker; flowers large.

**Queen of May.** A lovely soft rose lilac, almost pink; a very beautiful shade. 32 in.

**INCARVILLEA Delavayi.** Very large, rose-colored flowers lasting a long time. Rich green foliage. June to August. 2 ft.

**LATHYRUS.** (Perennial Pea.) Handsome red, white and pink Pea-like flowers during Summer. Fine for cutting.

**LIATRIS pycnostachya.** Handsome long spikes of rosy-purple flower-heads, borne during August and September. 4 to 5 ft.



Double Hollyhock—See page 143



*Lupinus polyphyllus*

**LILIES.** Hardy. See pages 105, 106.

**LILY OF VALLEY.** See page 105.

**LINUM perenne.** (Flax.) Pale blue flowers, with pretty evergreen foliage. June to November. 18 in.

**LOBELIA cardinalis.** (Cardinal Flower.) Long, dense spikes of handsome rich cardinal-red flowers. Often 10 to 18 of these spikes. Bloom in August and September. 3 to 4 ft.

**LUPINUS polyphyllus.** (Lupin.) Deep blue Pea-shaped flowers on long spikes. June to September. 2 to 3 ft.

**polyphyllus albus.** Pure white.

**LYCHNIS Chalcedonica.** (Maltese Cross.) Brilliant scarlet flowers in close heads. June to September. 3 ft.

**Flos-cuculi.** (Cuckoo Flower.) Very deep red flowers in clusters. Bloom all Summer. 2 ft.

**Haageana.** Showy orange-scarlet and pink flowers in large heads. June to September. 18 in.

**Viscaria splendens.** (German Catchfly.) Bright rose flowers in spikes. 1 to 1½ ft.

**LYTHRUM Salicaria roseum superbum.** A very free-flowering plant of robust habit, producing long, showy spikes of rosy-red flowers during the Summer months. 3 to 4 ft.

**MONARDA didyma.** (Beebalm.) Bright scarlet, extremely showy flowers in terminal heads. July to September. 2 to 3 ft.

**CENOTHERA Youngii.** Bright lemon-yellow flowers; pendulous branches; shiny, glaucous foliage. June to Sept. 2 ft.

**macrocarpa, or Missouriensis.** (Evening Primrose.) Deep yellow. June to August.

**PENTSTEMON barbatus Torreyi.** (Chelone.) A stately, brilliant-flowering plant, with long, loose panicles of bright scarlet flowers.

**laevigatus Digitalis.** Pure white Foxglove-shaped flowers, in spikes. July and August. 2 to 3 ft.

Prices of Perennials, except where otherwise noted, are 20 cts. each, \$2.00 per doz., \$15.00 per 100



The following list comprises many of the newer and rarer sorts, and we recommend them all as desirable for your garden.

- ADOLPH ROSSEAU.** Very large blooms, deep purplish red, with metallic reflex; very brilliant. **Each \$1.50.**
- ALBERT CROUSSE.** Large convex bloom, very full, flesh pink, center shaded clear pink. Erect, of medium habit; late season of bloom. **Each 75c.**
- ALSACE LORRAINE.** Flat flowers of creamy white; petals pointed, giving a water lily effect. Tall and a free bloomer. **Each \$3.00.**
- ASA GRAY.** Large compact flower; flesh color sprinkled with earmine. Midseason. **Each \$1.00.**
- BARONESS SCHROEDER.** Flesh color, changing quickly to white; creamy center. **Each \$1.50.**
- BOULE DE NEIGE.** Large cup-shaped bloom of perfect shape, with lightly sulphured center bordered with bright earmine; erect habit. **Each 75c.**
- CHARLEMAGNE.** Very pale salmon rose; globular flower, strong and very compact; late. **Each \$1.00.**
- COURONNE D'OR.** Large pure white, showing golden stamens when in full bloom. **Each 75c.**
- DOCTEUR CAILLOT.** A free flowering variety bearing blooms of tyrian rose. **Each 75c.**
- DUCHESS DE NEMOURS.** Very fine cup-shaped bloom, sulphur white; fine bud. **Each 75c.**
- FESTIVA MAXIMA.** Pure, waxy white with occasional flecks of crimson on the central petals. The most popular peony in existence. **Each 75c.**
- L'ESPERANCE.** Vivid rose, early, fragrant. A very choice variety, with large blooms. **Each 75c.**
- MARECHAL VAILLANT.** Immense blooms of crimson borne on long stems. **Each 75c.**
- MILTON HILL.** Very large, globular form, of compact rose type; delicate pale lilac rose; very distinct; pure color; exceedingly strong growth; of medium height; somewhat later in flowering than most varieties. **Each \$2.50.**
- MONS. KRELAGE.** Large, compact, dark pinkish red, semi-rose shaped blooms in clusters. **Each \$1.00.**
- PRESIDENT ROOSEVELT.** Fine, full bloom; color dark earmine purple. **Each 75c.**
- ROSA BONHEUR.** Large flowers in clusters, fleshy pink, rather dwarf variety. **Each \$2.50.**

## Peony (Paeonia)

Peonies are among the most hardy, showy, and easily grown of all the garden flowers. They are rarely attacked by any insects or fungous diseases, neither do they require protection during the severest weather. They grow in all kinds of soil, but do best in rich, rather moist loam. Liquid manure applied during the growing season, and while in bud will give good returns.

The following popular varieties we are pleased to offer at 50c. each, and \$5.00 per doz.

- ACHILLE.** Delicate blush pink.
- DAUBENTON.** Large Anemone-formed flowers; rosy lilac, bordered white.
- DELACHIE.** Crimson.
- EDWARD SIMMONS.** Rosy crimson.
- GRANDIFLORA ROSEA.** Deep pink, early.
- HUMEL.** Immense double pink flowers; late.
- LA TENDRESSE.** Creamy color changing to pure white.
- L'ELEGANTE.** Pink, center shaded to blush; rose scented.
- MME. SERRAT.** Deep maroon.
- OFFICINALIS RUBRA.** Dark red; fragrant. Very early.
- PLUTARCH.** Deep crimson, stamens yellow; large.
- PRINCE CHARLES.** Rich cerise rose, center tinted salmon.
- PRINCE DE SALM DYCK.** Rosy pink, light center.
- SOLFATARE.** Sulphur white.

## Tree Peony (Paeonia suffruticosa)

A handsome dwarf shrub, free flowering, blooming about three weeks earlier than the herbaceous varieties. It is quite hardy, but is benefited by a slight protection in Winter

**Each \$1.50, doz. \$15.00.**



Peony, Milton Hill

## Hardy Phlox

This magnificent family of Hardy Perennials may be well termed the most widely known and deservedly popular of all the various plants we have in our gardens. There is no perennial more worthy of culture, more satisfactory in every situation, or more suited for individual planting or grouping for mass effect. They are at their best in the late Fall.

**We can supply varieties not listed.**

Varieties marked (T) grow 3 ft.; (M) grow 2 ft.; (D) grow 1 to 2 ft.

**Each 25c., doz. \$2.50, 100 \$18.00**

- Annie Cook.** T. Flesh pink.  
**Astrild.** T. Brilliant carmine shaded deeper toward center.  
**B. Conte.** M. French purple; one of the best dark flowered varieties.  
**Elizabeth Campbell.** M. Bright salmon with pink center.  
**Europa.** T. White with crimson eye.  
**George A. Strohlein.** T. Dark red.  
**Mme. Paul Dutrie.** T. Delicate soft pink.  
**Rheinlander.** M. Salmon with red eye.  
**Rynstroom.** T. Deep rose, very large.  
**Thor.** M. Deep salmon pink with red eye.  
**Tragedie.** M. Brilliant carmine with blood red eye.  
**Wanadis.** T. Violet with reddish purple eye.  
**W. C. Egan.** M. Soft pink, very large flowering.

### STANDARD VARIETIES

**Price: Each 20c., doz. \$2.00, 100 \$15.00.**

- Baron von Dedem.** M. Brilliant scarlet red; in large trusses.  
**Boule d'Feu.** T. Cherry red.  
**Coquelicot.** M. Orange scarlet; crimson center  
**F. G. von Lassburg.** M. Large white.  
**General von Heutz.** M. Brilliant salmon-scarlet, white center.  
**Goliath.** T. Crimson scarlet; very tall.  
**Hermine.** D. White; the most dwarf variety. Fine for borders.  
**J. H. Slocum.** T. One of the best crimson phlox.  
**Jeanne d'Arc.** T. Pure white; late.  
**Le Caid.** M. Pink; darker eye.  
**Mrs. Jenkins.** M. Best early white.  
**Paul Herriot.** M. Pale pink, shading to center.  
**Peach Blow.** M. Pale pink, shading lighter toward edge.  
**Prosper Henry.** M. Large white; bright crimson eye.  
**Richard Wallace.** T. Pure white; violet-rose center.  
**R. P. Struthers.** T. Scarlet pink, dark eye.  
**Selma.** T. Delicate, soft pale pink, with distinct red eye.  
**Siebold.** T. An improved Coquelicot, very large.  
**Theresa.** M. Rose pink, with white eye.

**PHLOX divaricata Laphami.** D. Lavender blue. Bloom in late May and early June, the flowers lasting a long time. Very dwarf.

**glaberrima suffruticosa Miss Lingard.** T. White flowers with pale pink center. Early.

**PHYSTOSTEGIA Virginiana.** A very ornamental perennial, bearing showy pink flowers on spikes during August and September.

**Virginiana alba.** A pure white form of the above.

**speciosa.** Beautiful pink-flowering hardy perennial. Flowers borne on spikes during July. 2 ft.



Hardy Phlox, F. G. von Lassburg

**PLATYCODON grandiflora.** (Balloon Flower.) Pretty blue bell-shaped flowers, blooming from July to September. Sometimes classed as a Campanula. Will thrive in any good garden soil. 2½ ft.

**grandiflora alba.** A pure white form of preceding.

**grandiflora Mariesii.** Large deep violet blue flowers. July to September; dwarf.

**POLYGONATUM commutatum.** (Solomon's Seal.) White. May to June. 2 to 3 ft. A well-known and valuable plant.

## Poppy (Papaver)

**NUDICAULE.** (Iceland Poppy.) A beautiful race and among the most desirable of our herbaceous plants. The plant forms tufts of Fern-like foliage, from among which the slender flower stalks rise to about a foot in height and bear fragrant, cup-shaped flowers. They will thrive on any good garden soil. June till October.

**Scarlet, White, Yellow.**

**ORIENTALE.** (Oriental Poppy.) The common variety of Oriental Poppy. The flowers are a bright scarlet, with a black blotch at the base of each petal, and when in bloom in the Spring, they make a very brilliant display.

**ORIENTAL HYBRIDS.** The following named varieties are among the best of Oriental Poppies, and give quite a wide range of colors.

**Blush Queen.** A beautiful blush pink.

**Fire King.** Dazzling scarlet. Large flower.

**Parkmani.** Very deep scarlet. One of the richest.

**Proserpine.** A deep, rich pink.

**Royal Scarlet.** Rich, glowing scarlet.

**Salmon Queen.** Soft salmon scarlet.

**Six or more plants of any one variety at the dozen rate; twenty-five at the rate per hundred**

**PRIMULA auricula.** The sweet-scented yellow Swiss species, with large, handsome, smooth, silver-edged foliage.

**Carpatica.** Dense, round head of deep violet-blue flowers in Spring.

**officinalis hybrida.** (Cowslip.) Range in color from crimson to deep yellow and pure white.

**veris.** A fine variety with large yellow flowers.

**PYRETHRUM (Chrysanthemum) uliginosum.** A choice variety bearing a profusion of large white flowers with yellow centers. July to September. 4 to 5 ft.

**coccineum roseum.** One of our finest Fall-flowering perennials. Very robust-growing plants, single flowers in large, open panicles. August to October. 3 ft.

**coccineum roseum fl. pl.** A double form of above variety. August and October.

Each 30c., doz. \$2.50.

**RUDBECKIA, Golden Glow.** Flowers beautiful golden yellow and very double. Marvelous continuity of bloom from June till late Fall. 6 to 8 ft.

Each 20c., doz. \$1.25, 100 \$8.00.

**speciosa.** Orange-yellow flowers in large heads, with purplish-brown disk. July to frost. 2 ft.

**SALVIA azurea grandiflora.** Sky-blue flowers in great profusion. August and September. 3 to 4 ft.

**SCABIOSA Caucasica.** Pale lilac flowers about 3 inches across, which are borne continuously throughout the Summer. 2 ft.

**Caucasica alba.** A white-flowering form of preceding.

**SEDUM spectabile.** Handsome rose-colored flowers in immense heads, during late Fall. One of the best Fall perennials.

**SHASTA DAISY.** See *Chrysanthemum Leucanthemum*.

**Solomon's Seal.** See *Polygonatum*.

**STENANTHIUM robustum.** The pure white flowers are borne on graceful compound panicles. About 3 to 5 ft.

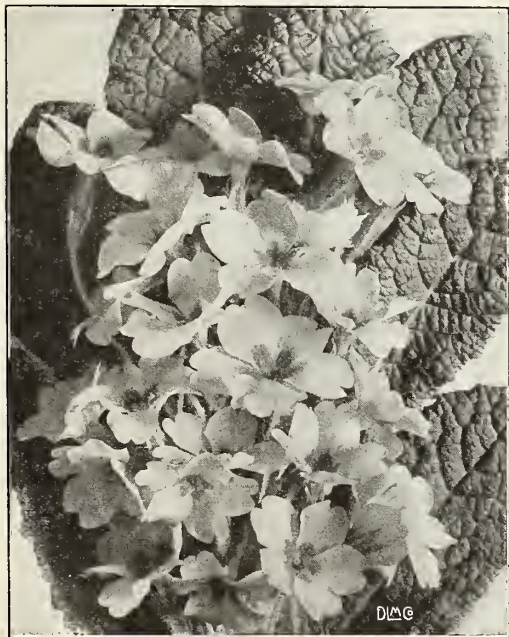
Each 40c., doz. \$3.50.

**STOKESIA (lævis) Cyanea.** (Cornflower Aster.) Very large, deep blue flowers, produced profusely from August to October. Requires a well-drained soil to succeed well.

**Cyanea alba.** Same as above only pure white.



*Platycodon grandiflora*—See page 146



*Primula veris*

**SUNFLOWER.** See *Helianthus*.

**SWEET WILLIAM.** See *Dianthus Barbatus*.

**TRITOMA Pfitzeri.** (*Kniphofia uvaria grandis*.) A superb variety, very free blooming. Color a rich brilliant orange. Of medium height and will bloom from Summer till Fall.

**Uvaria grandiflora.** (Common Red Hot Poker.) Orange-red spike thrown well above the foliage. August to September. 4 to 5 ft.

**TUNICA, Saxifraga.** A superb border perennial of dwarf, tufted habit. Bright pink flowers all Summer.

**VALERIANA officinalis.** The old-fashioned garden Heliotrope, with pinkish or lavender flowers, with Heliotrope fragrance. June and July. 4 ft.

**VERONICA candida.** Grayish-white foliage, with spikes of blue flowers during July and August. 2 ft.

**spicata.** Long spikes of delicate blue flowers during June, July and August.

**spicata alba.** A white form of the preceding, though not quite so tall. One of the most graceful of perennials.

**longifolia.** Pretty blue flowers in spikes during August.

**longifolia, subsessilis.** Intense, lustrous blue flowers from July till Fall. Flowers in showy spikes. One of the handsomest blue-flowering perennials.

**YUCCA.** See page 151.

Our pot-grown plants will accommodate those who are unable to attend to early Spring planting



Hardy  
Ferns  
for  
Many  
Places



## Hardy Ferns

The following collections are made up to help in selecting for special needs, and should be sent by express or freight

If to be planted in beds, the height as given after each kind would indicate where it should go; if in beds where they are to be seen from all sides, the tall kinds in the center; but if in an angle of the house or wall, plant the taller kinds the farthest back, 8 inches or a foot from the wall, and the smaller kinds in front.

### No. 1, \$5.00. For Open Sun Culture

This collection is desirable for the open border, and all the Ferns, being rather tall, can be grown as single specimens or for massing, with or without flowers.

- |  |   |
|--|---|
| 6 <i>Onoclea Struthiopteris</i> , 2 to 4 ft. | 24 <i>Dicksonia punctilobula</i> , 1 to 2 ft. |
| 6 <i>Osmunda Claytoniana</i> , 2 to 3 ft.    | 6 <i>Asplenium Filix-fœmina</i> , 2 to 3 ft.  |

### No. 2, \$5.00. For Dry, Shady Places

These Ferns will grow in a dry, shady place. Plant them where flowers, as a rule, do not thrive.

- |  |   |
|--|---|
| 12 <i>Aspidium achrostichoides</i> , 1 ft. | 12 <i>Dicksonia punctilobula</i> , 1 to 2 ft. |
| 12 <i>Aspidium marginalis</i> , 1 to 2 ft. | 6 <i>Osmunda Claytoniana</i> , 2 to 3 ft.     |

### No. 3, \$5.00. For Moist, Shady Places

This collection is fine and easily handled in moist, shady places; also for large rockery.

- |  |  |
|--|--|
| 6 <i>Adiantum pedatum</i> , 1 ft.          | 6 <i>Asplenium thelypteroides</i> , 2 to 3 ft. |
| 6 <i>Aspidium cristatum</i> , 1 ft.        | 6 <i>Asplenium filix-fœmina</i> , 2 to 3 ft.   |
| 6 <i>Aspidium achrostichoides</i> , 1 ft.  | 6 <i>Phegopteris hexagonoptera</i> , 1 ft.     |
| 6 <i>Aspidium spinulosum</i> , 1 to 1½ ft. | 6 <i>Woodwardia virginica</i> , 2 ft.          |
| 6 <i>Aspidium marginalis</i> , 1 to 2 ft.  |  |

### No. 4, \$5.00. For Wet, Open Ground

These Ferns are very useful for border of a lake or low, wet ground.

- |  |  |
|--|--|
| 12 <i>Aspidium Thelypteris</i> , 1 ft. | 12 <i>Osmunda regalis</i> , 2 to 3 ft. |
| 12 <i>Onoclea sensibilis</i> , 1 ft.   | 12 <i>Woodwardia virginica</i> , 2 ft. |

### No. 5, \$5.00. Low Evergreen Ferns for Rockery in Shade

This is a beautiful collection of low-growing Ferns and easily managed.

- |   |  |
|---|--|
| 12 <i>Asplenium eburneum</i> , 6 to 15 in.      | 12 <i>Polypodium vulgare</i> , 4 to 10 in. |
| 12 <i>Asplenium Trichomanes</i> , 3 to 6 in.    | 6 <i>Woodsia obtusa</i> , 6 to 12 in.      |
| 12 <i>Camptosorus rhizophyllus</i> , 4 to 9 in. |  |

### No. 6, \$5.00. Low Evergreen Ferns for Dry, Rocky Ledge

- |  |  |
|--|--|
| 12 <i>Asplenium Trichomanes</i> , 3 to 6 in. | 12 <i>Polypodium vulgare</i> , 4 to 10 in. |
| 12 <i>Woodsia obtusa</i> , 6 to 12 in.       | 12 <i>Woodsia ilvensis</i> , 6 in.         |

You will notice that some kinds are named in more than one collection. Such seem to thrive equally well in the localities named.



"Foundation plantings of dwarf Evergreens are always effective"

## Evergreen Trees

The splendid advantages resulting from a judicious planting of evergreens are many, and no grounds are complete without them. They aid materially in giving color to the landscape in Winter; are useful for making windbreaks and hedges and for screening unsightly objects from view. The dwarf varieties are used very extensively for foundation plantings where their variety of foliage, shape and color gain their favor as an all the year plant.

The botanical names of Trees, Shrubs, etc., in this catalogue conform to the 1917 Official Code of Standardized Plant Names, adopted and published by the American Joint Committee on Horticultural Nomenclature and as first published in Volume VI of Bailey's Standard Cyclopedia of Horticulture.

### ARBORVITÆ. *Thuja*

**American Arborvitæ.** (*T. occidentalis*.) A fast growing, pyramidal tree with light green foliage. Very useful for hedging and screening as well as for ornamentation. 3 ft., \$1.00; 4 ft., \$1.25.

**George Peabody Arborvitæ.** (*T. occidentalis aurea*.) A variety of the above with golden foliage. 2 ft., 75c.

**Globe Arborvitæ.** (*T. occidentalis globosa*.) Round, compact form and dense foliage. Dwarf. 12 in., 75c.

**Pyramidal Arborvitæ.** (*T. occidentalis pyramidalis*.) Of very distinct columnar growth; very densely branched and with rich dark glossy green foliage. 2 ft., 75c.; 3 ft., \$1.00; 4 ft., \$1.75.

**Siberian Arborvitæ.** (*T. occidentalis wareana*.) Of a slower and bushier growth than the American variety. Very hardy and holds its dark green color through the Winter. 18 in., 75c., 2 ft. \$1.00.

***T. occidentalis Vervæneana*.** A very choice variety. Foliage variegated with yellow. 2-3 ft., \$1.25.

### FIR. *Abies*

**Fraser's Fir.** (*A. Fraseri*.) A slender tree with pyramidal and rapid growth. Foliage dark green and silvery beneath. 2-3 ft., \$1.00, 3-4 ft., \$1.50.

**Niko Fir.** (*A. homolepis*.) A native of the mountains of Japan this tree promises to be one of the best for planting here. The upper branches are long, forming a round topped head. The foliage is long, pointed and dark lustrous green above and white beneath. Extremely hardy and very desirable for northern planting.

**Rocky Mountain Fir.** (*A. concolor*.) One of the hardiest and most beautiful evergreens. Tree of graceful and stately habit with large broad, silvery green foliage. 2 ft. \$1.50, 2½ ft. \$2.00, 3 ft. \$3.00.

### HEMLOCK. *Tsuga*

**Canadian Hemlock.** (*T. canadensis*.) A medium sized tree with dark green foliage. Branches thickly set with more or less pendulous tendency. 3 ft. \$1.75.

### JUNIPER. *Juniperus*

**Blue Cedar.** (*J. virginiana glauca*.) A favorite for specimen work. Foliage silver gray, holding its color throughout the year. 3 ft. \$2.50, 4 ft. \$3.50.

***J. chinensis Pfitzeriana*.** Grows to a fair sized plant, with branches spreading nearly horizontally as broad as tall. Foliage bluish green. 18-24 in. \$1.50.

***J. excelsa stricta*.** One of the most useful and hardy Junipers. Its habit of growth is pyramidal, the foliage is dense and a bluish green. A valuable dwarf evergreen. 1 ft. 75c.

**Grey carpet Juniper.** (*J. Sabina tamariscifolia*.) A prostrate variety with fernlike foliage. Excellent for rock work or wherever a dwarf spreading plant is desired. 15-18 in., \$1.50.

**Red Cedar.** (*J. virginiana*.) Medium habit of growth. Foliage in Summer bright green, changing to a bronzy hue in Winter. 2 ft. 75c., 4 ft. \$1.50.

**Savin Juniper.** (*J. Sabina*.) A tree with spreading habit. Foliage dark green. Excellent for grouping. 18-24 in. \$1.00; 24-30 in. \$1.50.

**Trailing Juniper.** (*J. communis prostrata*.) Low growing bush of prostrate habit with light glaucous foliage. Useful for rock gardens, or as a foreground plant in evergreen groupings. 15-18 in. spread, \$1.00.

**Golden Trailing Juniper.** (*J. communis aurea*.) A golden form of the above. \$1.00.



Koster Blue Spruce

**YEW. Taxus**

**Japanese Yew.** (*T. cuspidata*.) Upright habit with dark green foliage. **18 in. \$1.50.**

**Dwarf Japanese Yew.** (*T. cuspidata brevifolia*.) Bushy habit, rich deep green foliage. A very hardy variety. Grows well in partial shade. **12 in., \$1.25.**

**PINE. Pinus**

**Austrian Pine.** (*P. nigra austriaca*.) A robust tree of rapid growth. Stiff, long green needles in pairs. Very good for seaside planting as it stands exposure well. **2-3 ft. \$1.00.**

**Dwarf Mountain Pine.** (*P. montana Mughus*.) A low growing bushy evergreen with dark green foliage. One of the hardiest. Useful in rockeries or grouping. **12-18 in. \$1.00, 18-24 in. \$1.75.**

**Red Pine.** (*P. resinosa*.) A handsome tree with long lustrous green needles. **2-3 ft. \$1.00.**

**Scotch Pine.** (*P. sylvestris*.) Of rapid growth with strong branches and short stiff bluish green foliage. **3-4 ft. \$1.00.**

**Swiss Stone Pine.** (*P. Cembra*.) A bushy, rather slow growing tree of symmetrical habit, closely resembling White Pine. **2 ft. \$1.00.**

**White Pine.** (*P. Strobus*.) One of the best native pines. Thrives on sandy soil. **3 ft. 75c., 4 ft. \$1.00.**

**RETINOSPORA. Chamæcyparis**

**Filifera.** Long pendulant thread-like branches of a consistent green. **2½ ft. \$2.50.**

**Pisifera plumosa.** The main stems are erect; the side shoots assume a plume-like arrangement giving a feathery appearance. **2 ft. \$1.50, 3 ft. \$2.50.**

**Pisifera plumosa aurea.** A golden form of the above. **2 ft. \$1.50, 3 ft. \$2.50, 4 ft. \$3.50.**

**SPRUCE. Picea**

**Colorado Blue.** (*P. pungens glauca*.) Foliage rich silvery blue; very valuable and handsome. **2 ft. \$2.50, 3 ft. \$3.50, 4 ft. \$5.00.**

**Koster's Grafted Blue Spruce.** (*P. pungens Kosteri*.) The bluest of blue spruces. The most remarkable and conspicuous of all conifers for ornamental planting. **2 ft. \$3.00, 3 ft. \$4.00.**

**Norway Spruce.** (*P. excelsa*.) Graceful habit and rapid growth. Foliage dark green. Useful for shelters and windbreaks. **2-3 ft. 75c., 3-4 ft. \$1.00.**

**White Spruce.** (*P. canadensis alba*.) Fine, compact, pyramidal form of moderate growth. Foliage silvery grey. A valuable evergreen. **2-3 ft. \$1.00.**

## Evergreen Shrubs

This type of plants should be planted more freely. Their evergreen foliage enlivens the bareness of deciduous trees and shrubs in Winter and their fondness for shade is a desirable quality, for it enables their use in many places which are seldom planted.

**ANDROMEDA. Pieris**

**Floribunda.** A low-growing plant, with myrtle-like foliage and tiny pure white flowers that resemble sprays of Lily-of-the-Valley and appear early in the Spring. **Each \$1.50.**

**HOLLY LEAVED BARBERRY. Berberis ilicifolia**

Large, dark green Holly-like leaves, adherent until well into the Winter. Very attractive for its fall coloring. **12 in. each 50c.**

**BOXWOOD. Buxus**

This popular plant whose glossy green foliage is always fresh is widely used for edging formal gardens and for tub specimens. We can supply bushes and standard forms, in many sizes and shapes. Prices on application.

**BAY TREE. Laurus nobilis**

Prices on application and subject to importations being received.

**EUONYMUS**

**Radicans.** This plant combines many good qualities. It is useful on rocky banks and for bordering beds of evergreens. A good substitute for Boxwood as an edging plant and a fine ground-cover for shady places. **Each 35c., doz. \$3.00.**

**Radicans variegata.** A variety of the above with silvery-white variegated leaves. **Each 50c.**

**Radicans vegeta.** The leaves are often an inch wide. Red berries similar to those of the Bitter-sweet are produced in November, lasting nearly all winter. **Each 50c., doz. \$5.00.**



Andromeda (Pieris) floribunda

## EVERGREEN SHRUBS—Continued

**GARLAND FLOWERS. *DAPHNE cneorum***

This variety is as worthy of notice as the Trailing Arbutus. It is a little rosette of evergreen foliage bearing clusters of pink flowers in May and June and again in late Summer. **Each 75c.**

**MOUNTAIN LAUREL. *Kalmia latifolia***

Few broad-leaved evergreens are as beautiful in foliage, and none can excel in beauty its exquisite flowers. Grows to a height of 8 ft. **Ea. \$1.50, doz. \$15.00**

**LEUCOTHOE (*Andromeda*) *Catesbaei***

A choice native evergreen shrub of great beauty. Foliage shining green in Summer turning a beautiful purple in the Fall; especially useful in damp and shaded situations. **Each \$1.25.**

**YUCCA *Filamentosa***

This may be classed as a hardy garden plant or a broad leaved evergreen. In Summer it sends up broad spikes 4 to 7 ft. high of numerous white flowers and in Winter it is a mound of broad sharp pointed leaves, which gives it the name of Spanish Bayonet. **Each 30c.**

## RHODODENDRONS

Rhododendrons, as well as other broad leaved evergreens, all like company as they grow together in clumps, thereby protecting the soil. Leaf mold decayed sod or soil which has been heavily manured the year before are all beneficial. Mulching with leaves to the depth of 8 to 10 inches in the Fall and keeping a mulch of decayed leaves about the plants during the Summer will be beneficial. Shade the plants from the sun especially during March and April.

**CATAWBIENSE.** June. This is a native, close-growing form with handsome foliage and large trusses of deep rose flowers. A splendid variety to group with the high-colored forms as its foliage effect can be depended upon.

Extra fine bushy plants	Each	Doz.
24 to 30 inches, bushy.....	\$1.50	\$15.00
30 to 36 inches, bushy.....	2.00	20.00
36 to 48 inches, bushy.....	3.00	30.00

**RHODODENDRON MAXIMUM. (Great Bay.) July.**

This is the noblest of all our native shrubs, and is absolutely hardy from Vermont to Georgia. It has the most beautiful foliage of any kind of Rhododendron, it being about twice as large as that of other sorts, and very thick and smooth. Forms a round, broad bush from 6 to 15 feet tall. Flowers pink and white.

	Each	Doz.
2 to 3 feet, bushy.....	\$2.00	\$20.00
3 to 4 feet, bushy.....	2.50	25.00
4 to 5 feet, bushy.....	4.00	40.00



Mountain Laurel



Rhododendron delicatissimum

## Imported Hardy Hybrids

The gorgeous display that this class of plants makes in May is known to most persons. Our list comprises the hardest varieties.

	Each	Doz.
15-18 inch plants.....	\$1.50	\$17.00
18-24-inch plants.....	2.50	25.00
24-30-inch plants.....	3.50	35.00

Large specimens, 4-6 ft., well budded.

**Each \$5.00 to \$10.00.**

- Abraham Lincoln.** Rosy crimson.
- Album elegans.** Blush, changing to white.
- Atrosanguineum.** Intense blood red.
- Boule de Neige.** Pure white; very hardy.
- Caractacus.** Rich purplish crimson.
- Catawbiense alba.** One of the best whites.
- Charles Bagley.** Cerise pink.
- Charles Dickens.** Dark scarlet.
- Delicatissimum.** Blush white, edged pink.
- Everestianum.** Rosy lilac, spotted red.
- General Grant.** Crimson pink.
- Giganteum.** Bright rose.
- Gloriosum.** White; bold flowers and good foliage.
- H. H. Hunnewell.** Dark crimson.
- Lady Armstrong.** Pale rose, beautifully spotted.
- Lady Clermont.** Red, shaded crimson.
- Mrs. Miller.** Rich crimson.
- Parsons' gloriosum.** Pale lavender.
- Parsons' grandiflorum.** Bright carmine.
- President Lincoln.** Reddish purple.
- Roseum elegans.** Vivid rose; beautiful.

## Ornamental Deciduous Trees

### ASH. *Fraxinus*

**White.** (*F. americana*.) A splendid, tall-growing tree. Foliage dark green above and silvery beneath. 8 to 10 ft. \$1.00.

### BEECH. *Fagus*

**American.** (*F. americana*.) A tree of large size and round spreading habit; light-colored, smooth bark. 3 to 4 ft. \$1.50.

**Fern-leaved.** (*F. sylvatica asplenifolia*.) Medium sized tree with beautiful fern-like foliage. 3 to 4 ft. \$3.00, 5 ft. \$4.00.

**Rivers' Purple.** (*F. sylvatica riversi*.) The finest of all purple leaved trees; crimson foliage early in the Spring, changing to dark purple in the Summer. 4 to 5 ft. \$2.50, 6 ft. \$3.50.

**Weeping.** (*F. sylvatica pendula*.) The main stem and branches droop in a graceful, picturesque manner. 5 to 6 ft. \$3.50.

### BIRCH. *Betula*

**Canoe.** (*B. papyrifera*.) A native American tree of large size. Leaves large; bark silvery white. 8 ft. \$1.00, 10 ft. \$1.50.

**Cut Leaf Weeping.** (*B. alba pendula laciniata*.) Probably the most graceful of weeping trees. Leaves finely cut. 6 to 8 ft. \$1.50.

**Sweet or Black.** (*B. lenta*.) Trunk dark reddish brown; young bark aromatic; leaves heart shaped. 8 ft. \$1.25.

**European White.** (*B. alba*.) A quick growing tree with spray-like branches and silvery bark. 6 to 8 ft. \$1.00, 10 ft. \$1.50.

### CATALPA

**Western Catalpa.** (*C. speciosa*.) A very rapid growing tree with large heart-shaped leaves; fragrant blossoms of purple and white produced in clusters a foot long. 6 to 8 ft. \$1.00.

### CERCIDIPHYLLUM

**Japonicum.** A tree of pyramidal form; leaves heart-shaped and purplish when young. Prefers damp soil. 5 to 6 ft. \$1.50.

### CHESTNUT. *Castanea*

**American** (*C. americana*.) A large ornamental tree with handsome foliage; nuts very desirable. 5 to 6 ft. 75c.



Magnolia Soulangeana

We invite your correspondence whenever you want information regarding hardy plants for outdoor decorations.



Lombardy Poplar

### CRAB. *Malus*

**Bechtel's Double-flowering Crab.** (*M. ioensis Bechteli*.) A medium-sized tree bearing delicate pink, double flowers; very fragrant. 2 to 3 ft. 75c., 3 to 4 ft. \$1.00.

### DOGWOOD. *Cornus*

**White Flowering.** (*C. florida*.) A small tree of irregular habit; produces large showy white flowers in May before the leaves appear. Valuable for its Fall coloring which is dark red; fruit scarlet. 4 to 5 ft. \$1.00.

**Red Flowering.** (*C. florida rubra*.) The flowers are similar to the white form, but are a bright pink. 3 to 4 ft. \$1.50.

### ELM. *Ulmus*

**American.** (*U. americana*.) Lofty and spreading with drooping branches. A tree of strong growth. 8 to 10 ft. \$1.25.

**English** (*U. campestris*.) Tall growing, spreading tree of erect, compact habit. Leaves remain green longer than the American Elm. 7 to 8 ft. \$1.00.

### HAWTHORNE. *Crataegus*

**Double White.** (*C. Oxycantha alba plena*.) A desirable variety with good foliage; flowers double white. Each \$1.00.

**Paul's Double Scarlet.** (*C. Oxycantha fl. pl. pauli*.) Flowers of a deep crimson and very double. Each \$1.00.

**HORSE-CHESTNUT. *Aesculus***

- European White.** (*A. hippocastanum*.) A compact handsome tree; foliage appears early in the season. Large white flowers tinged with red, 8 to 10 inches long. **6 to 7 ft. \$1.00.**
- Red Flowering.** (*A. carnea*.) Flowers red. **5 to 6 ft. \$2.00.**

**JUDAS. *Cercis***

- American.** (*C. canadensis*.) Fine native tree of medium size. Twigs are covered with reddish-purple flowers before the foliage appears in May. **3 to 4 ft. \$1.00.**

**LARCH. *Larix***

- European.** (*L. europæa*.) A quick growing tree, with light green needle-like leaves. **4 to 5 ft. \$1.00.**

**LINDEN. *Tilia***

- American.** (*T. americana*.) A vigorous tree with large, dark green foliage. **8 to 10 ft. \$1.25.**
- European.** (*T. vulgaris*.) Pyramidal shaped tree of large size. Very desirable. **7 to 8 ft. \$1.25.**

**MAGNOLIA**

- Soulangeana.** One of the hardiest. Flowers pure white with purple at the base of petals. **\$3.00.**
- Soulangeana Lennei.** Fine variety, dark purple cup-shaped flowers in April. **\$3.00.**
- Stellata.** Dwarf species, with pure white semi-double flowers before the foliage appears in April. Very fragrant. **\$3.00.**

**MAPLE. *Acer***

- Norway.** (*A. platanoides*.) A large handsome tree, with round spreading head; broad dark green foliage. Very hardy. **6 to 8 ft. \$1.00, 8 to 10 ft. \$1.50.**
- Rock or Sugar.** (*A. saccharum*.) A taller growing tree than the Norway. In the Fall the leaves turn to orange and crimson. **8 to 10 ft. \$1.25.**
- Schwedler.** (*A. platanoides schwedleri*.) Leaves bright red when young turning to dark purplish green. A desirable lawn tree. **8 to 10 ft., \$1.50.**
- Silver.** (*A. dasycarpum*.) The most rapid growing Maple. Deeply cut leaves, the under surface silvery. Does well in damp soil. **10 ft. \$1.00.**
- Sycamore.** (*A. pseudoplatanus*.) Quick growing tree; spreading form, dark green foliage. **10 ft. \$1.50.**
- Weir's Cut Leaf.** (*A. das. wieri*.) A beautiful variety with delicately cut leaves and graceful drooping branches. **8 to 10 ft. \$1.25, 10 to 12 ft. \$1.75.**

**JAPANESE MAPLES. *Acer palmatum***

- Blood-leaved.** (*A. pal. atropurpureum*.) A tree of very dwarf habit. Leaves blood red in Spring, changing to dark purple. **2 to 2½ ft. \$2.00.**
- Purple Cut Leaf.** (*A. pal. atro. dissectum*.) Similar in habit to the above but of a drooping tendency. Leaves delicately cut and blood red. **2½ ft. \$3.00.**
- We can furnish pot-grown plants for late planting.

**MOUNTAIN ASH. *Sorbus***

- European.** (*S. Aucuparia*.) A small tree, bearing clusters of scarlet berries from July to Winter. Very desirable. **5 to 6 ft. \$1.00, 6 to 8 ft. \$1.50.**

**MULBERRY. *Morus***

- Tea's Weeping Mulberry.** (*M. alba pendula*.) One of the best small weeping trees, the long, thin branches forming an umbrella-like structure. Thrifty and hardy. **Two year heads \$2.00.**

**OAK. *Quercus***

- Pin.** (*Q. palustris*.) The most popular of all the Oaks. The leaves are deep green and finely divided, turning red in the Fall. The branches are drooping. **6 to 7 ft., \$1.00, 10 to 12 ft. \$2.00.**
- Red.** (*Q. rubra*.) A large native tree, with deeply cut, bright green leaves which turn to purplish crimson in Autumn. **6 to 7 ft. \$1.00, 8 ft. \$1.50.**

**OAK—Continued**

- Scarlet.** (*Q. coccinea*.) Takes its name from the brilliant scarlet of its Autumn foliage. Resembles the Red Oak in habit. **6 to 7 ft. \$1.00.**
- White.** (*Q. alba*.) A well known native tree, with broad spreading head. Foliage assumes a violet purple in Autumn. **5 to 7 ft. \$1.50.**
- All Oaks should be severely cut back when transplanted.

**POPLAR. *Populus***

- Carolina.** (*P. deltoides*.) A popular tree where shade is wanted quickly. Foliage is heart-shaped and of bright green color. **8 to 10 ft. 75c., 10 to 12 ft. \$1.00.**
- Lombardy.** (*P. nigra italica*.) A well known, upright tree of extremely rapid growth. Its branches from the ground and is much used where a tall hedge is wanted for a screen. Valuable also for formal effects. **8 to 10 ft. 75c., 10 to 12 ft. \$1.00.**
- White.** (*P. canescens*.) Tree of spreading habit. Leaves glossy green above and white beneath. **6 to 8 ft. \$1.00.**

**TULIP. *Liriodendron***

- Tulip Tree.** (*L. Tulipifera*.) A native tree of rapid growth that thrives in most soils. Tulip-like flowers of a greenish yellow, blotched with orange. **5 to 6 ft. \$1.00, 6 to 8 ft. \$1.50.**

**WILLOW. *Salix***

- Laurel-leaved.** (*S. pentandra*.) Tree of upright growth. A strong grower at the sea shore. **7 to 9 ft. 75c.**
- Thurlow's.** (*S. elegantissima*.) A vigorous grower with graceful drooping branches. **7 to 9 ft. \$1.00.**



Tea's Weeping Mulberry



Mass planting of *Spiraea Van Houttei*

## HARDY ORNAMENTAL SHRUBS

The use of shrubbery adds materially to the beauty and attractiveness of the home grounds. It affords an opportunity for artistic development with the varying color of foliage and flowers in Summer followed by the bright-colored bark and berries of some species in Winter.

### SHRUBS SENT BY EXPRESS ONLY

#### ALMOND. *Prunus sinensis*

**Double Pink.** The very double rose-colored flowers are borne in great profusion, fairly covering the branches. Blooms in May. **Each 50c.**

**Double White.** Similar to preceding, except that the flowers are pure white. **Each 50c.**

#### ALTHEA. *Hibiscus syriacus*

**Double White.** Nearly pure white. Extra fine. **Each 50c.**

**Double Red.** Bright rosy red. **Each 50c.**

**Variegata.** Foliage handsomely variegated. Flowers double, deep purple. **Each 50c.**

#### ARALIA. *Acanthopanax*

**Pentaphylla.** (Five-leaved Aralia.) A graceful shrub, with arching, spiny branches and bright green, shining foliage. Excellent on rocky banks and slopes. **Each 35c. and 50c.**

#### AZALEA

**Chinese.** (*A. mollis*.) A handsome dwarf species of especial beauty for massing and very hardy. Flowers bloom in early Spring and are unsurpassed for brilliancy of coloring. We offer here both red and yellow. Fine bushy plants. **Each \$1.00.**

**Ghent.** (*A. pontica*.) Unequaled for variety of color and the grandest of the early Spring flowering plants. Beautiful effects produced by massing these in beds. Large-flowering plants in orange pink, red, white and yellow. **Each \$1.00.**

**A. yodogawa.** This is one of the most valuable introductions of recent years. Brought from Japan. It has adapted itself to our soils as no other variety of Azalea. We have watched the growth of this plant for several years, and can highly recommend it for general planting. Flowers double light violet, completely covering the plant and remaining for a long season.

10 to 12 in., \$1.00, \$10.00 per doz.  
12 to 18 in., \$1.50, \$15.00 per doz.

#### BARBERRY. *Berberis*

**Japanese.** (*B. thunbergii*.) The hardiest and most valuable of this family. Remarkable for its low, dense, horizontal growth and its bright red berries which it holds throughout the Winter. See hedge plants. **Each 35c. and 50c.**

**Purple.** (*B. vulgaris atropurpurea*.) Beautiful violet purple foliage and fruit. Very effective when used with shrubs of a lighter foliage. **Each 35c. and 50c.**

#### BAYBERRY. *Myrica carolinensis*

**Northern Bayberry.** A low spreading native shrub admired for its dark green, fragrant foliage. The flowers which are inconspicuous are followed by white waxy berries. Thrives in sandy places. **Each 75c.**

#### BUDDLEIA

**Veitchiana variabilis.** Flowers of a pleasing shade of violet mauve, borne on long, cylindrical spikes, and with liberal cultivation will grow from 15 to 20 inches long. Flowers freely first season. **Each 30c.**

#### CORCHORUS. *Kerria*

**Kerria Japonica.** One of the most satisfactory yellow flowering shrubs we have. Blooms all Summer and in Winter its bright green branches form a marked contrast with other shrubs. **Each 35c. and 50c.**

**Japonica fl. pl.** Large double flowers, bright yellow in color. **Each 35c. and 50c.**

**Japonica variegata.** Same habit as the above, with handsomely variegated leaves, making one of the best variegated plants for shrubberies and borders. **Each 35c. and 50c.**

#### DESMODIUM

**penduliflorum.** (Sweet Pea Shrub.) A most magnificent shrub, being covered from first of September till frost with red pea blossom in enormous quantities. **Each 50c.**

#### DEUTZIA

**crenata.** (Single white Deutzia.) Showy, white, tinged pink flowers in close spikes. Vigorous growth. **Each 35c. and 50c.**

## DEUTZIA—Continued

**candidissima plena.** (Double White Deutzia.) Similar to the above, but with pure white flowers throughout. **Each 35c. and 50c.**

**gracilis.** Slender, often arching branches. Low dense, globular habit; flowers pure white in racemes **Each 35c. and 50c.**

**Lemoinei.** A vigorous grower and excellent for forcing; very desirable; early bloomer; panicles of pure white flowers borne on stout branches. **Each 35c. and 50c.**

DOGWOOD. *Cornus*

**Red-twigged.** (*C. alba.*) Shrub with erect stem good clean foliage and bright blood-red branches; useful for shrubberies. **Each 35c. and 50c.**

**Cornelian Cherry.** (*C. mas.*) Handsome shrub of dense growth, with glossy foliage; very attractive in early Spring with its yellow flowers, and again in the Fall with shining scarlet fruit. **Each 35c. and 50c.**

**Silver-Leaf.** (*C. mas elegantissima.*) One of the finest variegated shrubs; slow-growing; leaves broadly margined with white, contrasting strongly with the deep red bark. **Each 35c. and 75c.**

**Common.** (*C. canadensis.*) A well-known native shrub with light green foliage. Flat heads of white flowers in June and July, followed by reddish-purple berries in Autumn. Very hardy. **Each 35c. and 50c.**

**Golden.** (*C. can. aurea.*) Vigorous spreading habit. Distinct by reason of its yellow foliage. Requires full sun, when it is one of the best of the yellow shrubs. **Each 35c. and 50c.**

## ELEAGNUS

**longipes.** (Japanese Oleaster.) Growing 6 to 8 ft. high. Flowers bright yellow. Stems, leaves and fruit are covered with a golden scale. Blooms in July. **Each 35c. and 50c.**

## EUONYMUS

**alatus.** (Winged Burning Bush.) A handsome shrub attaining a height of 6 to 8 ft., with corky-winged branches. Native of Japan. The leaves are oval, bright green in Summer, changing in the Fall to gorgeous crimson and red. Probably the most conspicuous of the Fall foliage shrubs. A fine shrub for massing and especially adapted for specimen work. **3 ft. each 50c., extra large \$2.00 to \$5.00.**

**Americanus.** (Strawberry Bush.) June. A slender-growing shrub, with shining foliage and deep scarlet berries. 3 ft. **Each 50c.**



Azalea mollis—See page 154

## EXOCHORDA

**grandiflora.** (Pearl Bush.) Flowers in May. Pure white, large, star-like, in clusters, grows about 9 ft. high. **Each 50c.**

## FORSYTHIA

**intermedia.** Erect-growing shrub. When large the branches become arching. **Each 35c. and 50c.**

**suspensa.** (Weeping Golden Bell.) Long, graceful branches drooping to the ground and covered to the tips with handsome yellow trumpet-shaped flowers in April. **Each 35c. and 50c.**

**suspensa Fortunei.** (Golden Bell.) One of our best early-flowering shrubs. Before any tree or shrub shows a leaf they burst into glorious masses of golden-yellow drooping flowers. **Each 35c. and 50c.**

## FRINGE

**White.** (*Chionanthus virginica.*) The large masses of misty, purplish flowers which this bears in June give it the name of Smoke Bush. The leaves change to varying colors in Fall. **Each \$1.00.**

**Purple or Smoke bush.** (*Rhus cotinus.*) A large shrub or small tree, with large, heavy leaves almost hidden in Spring by a thick mist of fragrant white, drooping flowers. One of the choicest shrubs for a lawn ornament. **Each 50c.**

**HAWTHORNE.** See page 152.

HONEYSUCKLE. *Lonicera*

**Fragrant.** (*L. fragrantissima.*) An absolutely hardy variety, of strong growth, but rather straggling habit. Produces pinkish flowers in early Spring, which are very fragrant. **Each 50c.**

**Japanese bush.** (*L. morrowii.*) A shrub with wide-spreading branches; leaves dark green above and grayish beneath; pure white flowers in May and June, followed by bright red fruits. **Each 50c.**

**Tartarian.** (*L. tatarica.*) Bears a profusion of pink flowers in June. **Each 50c.**

**White Tartarian.** (*L. tatarica alba.*) Similar to the Tartarica, but with large, pure white flowers and crimson fruit. **Each 50c.**

## HYDRANGEA

**arborescens grandiflora.** The flower clusters are large, averaging 4 to 5 in. in diameter. Color is pure snow white, blooming at a time when flowers are scarce. 2 to 2½ ft. **Each 50c.**

**paniculata grandiflora.** The well-known hardy Hydrangea. Flowers are borne in dense panicles, pure white when opening, but later of a purplish-rose color. Excellent for massing or single specimens on lawns. **Each 35c. and 50c.**

**Tree form.** A very desirable form of Hydrangea, the branches starting out 3 ft. from the ground. Excellent for center plants for Hydrangea bed. **Each \$1.00.**

## HYPERICUM

**aureum.** Dwarf shrubs. The plant, when covered with the numerous rich yellow flowers from Midsummer to Fall, presents a most beautiful aspect. **Each 35c. and 50c.**



Hydrangea arborescens grandiflora

**ILEX**

**Black Alder.** (*I. verticillata*.) One of the brightest red berried shrubs, upright habit. Black bark. **Each 50c.**  
**INDIAN CURRANT.** *Symphoricarpos vulgaris*.  
 Low-growing, spreading, graceful habit; foliage attractive; noteworthy from the beauty of its clusters of red berries. **Each 35c. and 50c.**

**LILAC. Syringa**

**Purple.** (*S. vulgaris*.) valued for its abundant sweet-scented flowers. **Each 35c. and 50c.**  
**White.** (*S. vulgaris alba*.) The common white lilac. **Each 35c. and 50c.**  
**Persian.** (*S. persica*.) Light purple. A profuse and early blooming sort. **Each 50c.**  
**White Persian.** (*S. persica alba*.) White flowering variety. Same habit as the above. **Each 50c.**  
**Villosa.** (*S. villosa*.) A species from Japan. Color varies from light pink to almost blue. Valuable for late blooming. Out of bloom, the shrub forms a striking object on account of the dark glossy, massive leaves. **Each 50c., doz. \$5.00.**

**HYBRID LILACS**  
**Single Named Lilacs**

**Each 50c., Dozen \$5.00**

**Alba grandiflora.** Very large trusses of pure white flowers. 3 to 4 ft.  
**Charles X.** Magnificent clusters of dark red flowers, produced in the grandest profusion. 2 to 3 ft.  
**Frau Bertha Dammann.** This produces the largest cluster of white Lilacs of the common species known in cultivation; the flowers are of the purest white. 2 to 3 ft.  
**Louis Van Houtte.** A well-known sort, with large clusters of fine, bright red flowers. 2 to 3 ft.  
**L d ig Spaeth.** The clusters are very large and of splendid, dark purple-red color, not only as buds, but even when the blossoms are fully expanded. 2 to 3 ft.  
**Marie Le Graye.** A dwarf grower, and one of the finest white varieties. 2 to 3 ft.  
**Rubra de Marly.** Purplish red; exceedingly free flowering. 2 to 3 ft.



Lilac Mad. Casimir Perier



Hydrangea paniculata grandiflora

**Double Named Lilacs**

**Alphonse Lavallee.** Trusses like a double Hyacinth; fine blue, shaded to violet. 3 ft. **Each 60c.**  
**La Tour d'Auvergne.** Violet purple, large, double; excellent. **Each 50c.**  
**Leon Simon.** Color bluish crimson; buds clear coral. 2 to 3 ft. **Each 60c.**  
**Mad. Casimir Perier.** Large trusses of very double, creamy-white flowers. 2 to 3 ft. **Each 75c.**  
**Mad. Lemoine.** A grand double white variety. Vigorous habit and immense foliage. 2 to 3 ft. **Each 75c.**  
**Michel Buchner.** Plant dwarf, bearing at the top of all the branches. Pale lilac throughout in half-opened blossoms, and also in bud state. **Each 75c.**  
**President Grevy.** Petals of a cobalt-blue, with the centers more brilliant and the edges rosy. **Each 60c.**  
**President Carnot.** Flower delicate tint of pale lilac, marked with white in the center. 2 ft. **Each 75c.**  
**Senator Volland.** Dwarf, very brilliant; buds Fuchsia-red; open flowers Rose-red. 2 ft. **Each 75c.**

Collection of 15 Hybrid Lilacs, containing both single and double varieties, our selection **\$6.00.**

**BEACH PLUM. Prunus maritima**

A handsome plant because of the great profusion of its early Spring bloom; the fruits when produced are also ornamental; the flowers are white, followed by bright crimson fruit; one of the best shrubs for seashore planting and bleak exposures. **Each 75c.**

**PRIVET. Ligustrum**

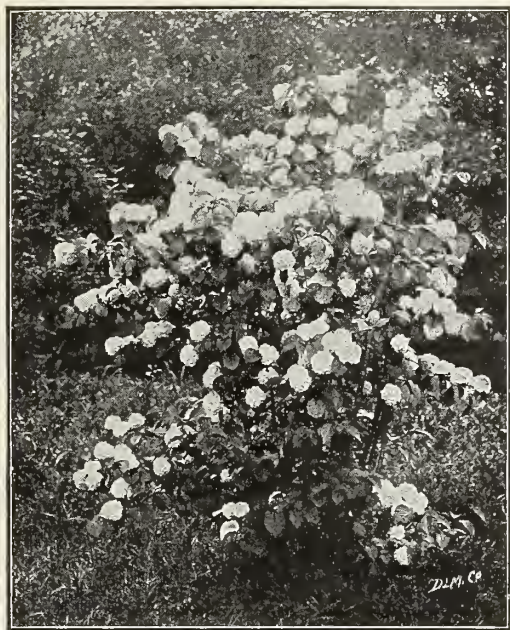
**Amoor River.** (*L. amurense*.) Large oblong, glossy green foliage. A hardy variety.  
**California.** (*L. ovalifolium*.) Vigorous shrub of excellent habit. Large, glossy dark green foliage.  
**Chinese.** (*L. Ibota*.) Upright habit, narrow leaves and white flowers. One of the hardiest privets.

**Prices of above, see Hedge Plants, page 158.**

**Regel's.** (*L. Ibota Regelianum*.) Similar to the above except that the branches droop gracefully. This plant is unexcelled for shrubbery borders and massed plantings. **18-24 in. 30c., \$3.00 doz.**

**JAPANESE QUINCE. Cydonia japonica**

A shrub with spreading spiny branches. Glossy leaves; flowers are a deep scarlet, in clusters. The quince-shaped, fragrant, golden-yellow fruit remains a long time in Summer. **Each 35c. and 50c.**



Japan Snow ball—See page 153

**RHODODENDRON.** See page 151**RASPBERRY. Rubus**

**Flowering.** (*R. odoratus*.) All Summer. A noble plant, with leaves 6 to 12 in. broad, and pink-purple blossoms 2 in. across, in clusters, which continue to bloom all Summer. Very fragrant. One of the most useful plants for partially shaded places, for rustic planting, or for groups. **Each 35c. and 50c.**

**RHODOTYPOS**

**kerrioides.** A very ornamental shrub of medium size with handsome foliage and large single white flowers in May. Fruit is black. **Each 50c.**

**SPICE BUSH. Benzoïn æstivale**

A strong-growing shrub, with bright green foliage; flowers yellow, appearing before the leaves; has red, oblong, spicy berries; bark is aromatic. **Each 35c. and 50c.**

**SPIREA. Spiræa**

**S. Bumalda Anthony Waterer.** Flowers scarlet crimson, blooming profusely from June to October. Strong plants. **Each 35c. and 50c.**

**Bridal Wreath.** (*S. prunifolia*.) One of the best and earliest blooming shrubs. Flowers double, white, and very abundant along the stem. May. 6 to 7 feet. **Each 50c.**

**S. Bumalda Froebelii.** Same color as the Anthony Waterer but of a taller habit of growth. Very desirable. **Each 50c.**

**Golden.** (*S. opulifolia aurea*.) One of the best of our yellow-leaved shrubs. Golden yellow all Summer. **Each 35c. and 50c.**

**St. Peter's Wreath.** (*S. Vanhouttei*.) The finest and most satisfactory of all Spiræas, either singly or among other shrubs. It forms a round and graceful bush, with arching branches, which in June are set from end to end with beautiful white blossoms. **Each 35c. and 50c.**

**Thunbergii.** Low growing, rounded form, delicate, drooping, yellowish green, lanceolate foliage, which takes and retains late the most lovely tints in Autumn. Small, abundant white flowers in May. **Each 35c. and 50c.**

**SIBERIAN PEA TREE.—Caragana aborescens**

A sturdy little tree or shrub smaller than the Dogwood. The leaves are a soft green and the flowers that come in May, resemble the Sweet Pea and are bright yellow. Seldom seen but a shrub that should be on every lawn.

Bush form, **each 50c.**

Tree form, 5 to 6 ft. **\$1.00**, 6 to 7 ft. **\$1.50.**

**STEPHANANDRA**

**flexuosa.** One of the finest Japanese shrubs; of graceful habit and spreading, drooping branches; handsome, deeply cut foliage; in June pure white flowers appear in paniced racemes. **Each 35c. and 50c.**

**SUMAC. Rhus**

**Cut-leaf.** (*R. typhina laciniata*.) A very striking plant of moderate size with deeply cut leaves which turn a rich red in the Fall. **Each 50c.**

**Fragrant.** (*R. canadensis*.) Small yellow flowers in clusters or short spikes appear before the leaves. In Autumn the foliage turns to a dark crimson. **Each 50c.**

**Shining.** (*R. copallina*.) Beautiful foliage of lustrous green in Summer, changing to rich crimson in Autumn. Produces heads of greenish-yellow flowers in August. **Each 50c.**

**Staghorn.** (*R. typhina*.) A large shrub with brilliant foliage and fruit in the Fall. **Each 50c.**

**SWEET SCENTED SHRUB. Calycanthus**

**floridus.** (Carolina Allspice.) Fine and glossy foliage; pineapple-scented, chocolate-colored flowers all Summer; leaves dark green above and pale grayish green beneath; a favorite shrub. **Each 50c.**

**SWEETPEPPER BUSH. Clethra**

**alnifolia.** Shrub with rich green foliage and spikes of fragrant yellowish-white flowers throughout the season. It thrives in shady, damp places. **Each 35c. and 50c.**

**SYMPHORICARPOS**

**racemosus.** (Snowberry.) Smooth shrub, with slender branches, usually bending under their load of white, waxy berries, which appear in Autumn; the flowers are rose colored, in loose racemes in July and August. **Each 35c. and 50c.**

**SYRINGA. Philadelphus**

**Golden.** (*P. coronarius foliis aureis*.) A graceful variety, with bright yellow foliage, which retains its color throughout the season. **Each 50c.**

**Mock Orange.** (*P. coronarius*.) Shrub with upright branches; pure white, fragrant flowers are produced in clusters in June; foliage dark green. **Each 35c. and 50c.**

**Large-flowered Mock Orange.** (*P. grandiflorus*.) A vigorous, upright variety, with large, showy flowers in June; it grows rapidly; branches are somewhat straggling. **Each 35c. and 50c.**

**Lemoinei.** Hybrid; this is a choice and graceful variety; produces fragrant, pure white flowers in clusters in June. **Each 50c.**

**VIBURNUM**

**Arrow Wood.** (*V. dentatum*.) Glossy, handsome leaves, white flowers and fine, steel-blue berries in Fall. June. **Each 50c.**

**cassinoides.** Flat heads of white flowers and effective foliage. Bears black berries in clusters. June. **Each 50c.**

**V. Carlesii.** An early flowering Viburnum of fine habit, bearing fragrant white flowers in May. One of the most important introductions of this family of plants. **\$1.00.**

**European High-bush Cranberry.** (*V. opulus*.) One of the best shrubs for general planting. It has red berries resembling Cranberries, which remain until early Winter. Its foliage is large and healthy and seldom attacked by insects. **Each 50c.**

**Maple-leaved.** (*V. acerifolium*.) Maple-like foliage, with pure white flowers in flat heads and showy clusters of purple-crimson berries. Good in shady places. May and June. **Each 50c.**

VIBURNUM—Continued

**V. opulus nana.** Makes a round cushion like bush seldom growing over two feet in height. An ideal plant for a low border. **10-12 in. each 25c., doz. \$2.50.**

**Snowball.** (*V. opulus sterile.*) A well-known shrub of large size, producing large, Snowball-like flowers in May. **Each 50c.**

**Japan Snowball.** (*V. tomentosum plicatum.*) It has handsome plicated leaves; globular heads of pure white flowers in June. It surpasses the common Snowball in many respects. **Each 50c. and 75c.**

**Single Japan Snowball.** (*V. tomentosum.*) Foliage resembles the Japan Snowball; flowers white, in flat racemes and in great profusion. It is perfectly hardy, vigorous and free blooming. **Each 50c.**

**Wayfaring Tree.** (*V. Lantana.*) Very bushy, large foliage, noteworthy for its silvery underlining; ornamental, red, then black fruit in Fall. **Each 50c.**

WEIGELA

**Candida.** Flowers pure white, vigorous and fine in habit. **Each 50c.**

**Eva Rathke.** An erect, free flowering variety; flowers brilliant crimson. Blooms more or less all Summer. **Each 50c.**

**Nana Variegata.** A dwarf form, with variegated leaves, flowers pale pink. **Each 50c.**

**Rosea.** A strong symmetrical grower, with good foliage; pink flowers in June. **Each 50c.**

WITCH HAZEL. *Hamamelis virginiana*

Latest of all flowers, blooming in November. One of our best native shrubs. **Each 50c.**

YELLOW ROOT. *Zanthorhiza apiifolia*

A cover plant for shady places, or banks along woodland paths. It grows about a foot high and has inconspicuous brownish flowers in April. **Each 30c., doz. \$3.00.**

## HEDGE PLANTS

As a general rule Hedge plants should be planted low and firm, so that the branches seem apparently to spring from the ground. California Privet should be planted two or three inches deeper than it stood in the nursery row. All deciduous varieties should be trimmed back hard after planting.

### Barberry—Berberis

<b>Berberis Thunbergii.</b> (Japanese Barberry.)			
		Doz.	100
12-15 inches.	Plant 12 in. apart.....	\$1.50	\$12.00
15-18 inches.	Plant 12 in. apart.....	2.00	15.00
18-24 inches.	Plant 12 in. apart.....	2.50	18.00
24-30 inches.	Plant 15 in. apart.....	3.50	25.00
<b>LILAC, Common.</b>			
2½ to 3 ft.	Plant 24 in. apart.....	2.50	18.00
<b>ROSA RUGOSA.</b>			
2 ft.	Plant 18 in. apart.....	3.50	25.00
<b>SPIRÆA Van Houttei.</b>			
2 to 3 ft.	Plant 24 in. apart.....	3.00	20.00
<b>ARBORVITÆ, American.</b>			
2 to 2½ ft.	Plant 24 in. apart.....	5.00	40.00
<b>HEMLOCK.</b>			
2½ to 3 ft.	Plant 30 in. apart.....	12.00	90.00
<b>SPRUCE, Norway.</b>			
18-24 inches.	Plant 24 in. apart.....	2.50	20.00

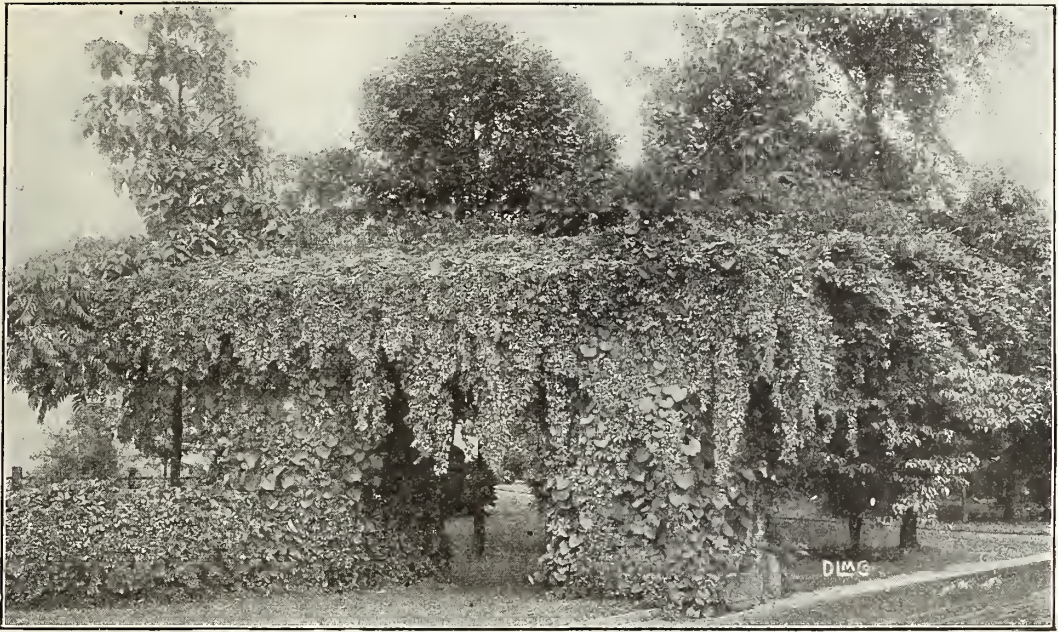
### Privet—Ligustrum

<b>AMOR RIVER PRIVET.</b>			
		Doz.	100
1½ to 2 ft.	Plant 10 in. apart.....	\$1.50	\$8.00
2 to 3 ft.	Plant 12 in. apart.....	2.50	12.00
3 to 4 ft.	Plant 12 in. apart.....	3.00	15.00
<b>CALIFORNIA PRIVET.</b>			
1½ to 2 ft.	Plant 10 in. apart.....	1.00	6.00
2 to 3 ft.	Plant 12 in. apart.....	1.50	8.00
3 to 4 ft.	Plant 12 in. apart.....	2.50	12.00
<b>CHINESE PRIVET.</b>			
2 to 3 ft.	Plant 12 in. apart.....	\$14.00	
3 to 4 ft.	Plant 12 in. apart.....	16.00	

A trial order for Shrubs, Hedges and Trees will convince that our stock is strong, bushy, well grown and satisfactory in every way.



Hedge of Japanese Barberry



Virginia Creeper and Dutchman's Pipe

## Vines, Hardy Climbing

**VINES, POT-GROWN:** We have a number of the following list of Vines in pot-grown plants, which can be planted at any time during the Summer. Pot-grown varieties marked \* Each 75c.

- \***ACTINIDIA arguta.** A strong-growing Japanese vine, with rather large leaves; flowers white with purple center. **Each 50c.**
- AKEBIA quinata.** Very graceful, handsome, hardy, fine foliage, purple flowers and ornamental fruit. **Each 50c.**
- AMPELOPSIS Engelmanni.** Similar to quinquefolia, but with smaller and more dense foliage. **Each 50c.**
- AMPELOPSIS quinquefolia.** (Common Woodbine, or Virginia Creeper.) A vigorous, high-climbing vine of rapid growth, foliage rich crimson in Autumn. **Each 35c., doz. \$3.50.**
- \***AMPELOPSIS Veitchii.** (Japan, or Boston Ivy.) A hardy and very useful climber, clinging firmly and covering walls densely; the green foliage turns to a brilliant orange and scarlet. **Each 35c., doz. \$3.50.**
- ARISTOLOCHIA Siphon.** (Dutchman's Pipe.) A native species of climbing habit and rapid growth; magnificent, very large green foliage; brownish pipe-shaped flowers. **Each 75c.**
- BIGNONIA radicans.** (Trumpet Vine.) A hardy high-climbing plant with large, scarlet, trumpet-shaped flowers. **Each 35c., doz. \$3.50.**
- CELASTRUS scandens.** (Bitter Sweet, or Roxbury Waxwork.) A native climber with glossy leaves; fruit orange and crimson, in clusters, hanging on vine all Winter. **Each 35c., doz. \$3.50.**
- CLEMATIS coccinea.** Brilliant scarlet, bell-shaped flowers, blooming profusely. **Each 50c.**
- CLEMATIS INA.** The flowers nicely poised on long, stiff branching stems, having 25 to 50 sweet-scented, beautiful flowers on each. The blossoms are white, shaded to a delicate lavender blue on the edges. Extra strong plants **Each 75c.**
- \***CLEMATIS paniculata.** This is the most common of all the Fall-blooming climbers; is best suited to a sunny situation; luxuriant grower and profuse bloomer of medium size; flowers pure white and fragrant, perfectly hardy; the most desirable and useful of climbers. First size **Each 35c., doz. \$3.60.**
- Monster Roots.** **Each 50c., doz. \$5.00.**
- \***CLEMATIS Henryi.** Robust plant, free bloomer creamy-white flowers. **Each 75c.**
- \***CLEMATIS Jackmanni.** Velvety purple, with ribbed bar down the center. **Each 75c., doz. \$7.50.**
- \***HONEYSUCKLE, Lonicera Japonica.** (Chinese Evergreen Honeysuckle.) Very fragrant, yellow and cream-colored flowers; dark green foliage. **Each 35c., doz. \$3.50.**
- \***HONEYSUCKLE, Lonicera brachypoda, var. Halleana.** (Hall's Evergreen Honeysuckle.) Vigorous grower; fragrant yellow and white flowers from Midsummer until frost. **Each 35c., doz. \$3.50.**
- \***HONEYSUCKLE, Lonicera flexuosa, var. aureoreticulata.** (Golden-variegated Honeysuckle.) Leaves variegated gold and green **Each 35c.**
- HONEYSUCKLE, Lonicera Periclymenum, var. Belgica.** (Belgian, or Dutch Monthly Honeysuckle.) Blooms all Summer; red and yellow; very fragrant flowers. **Each 50c.**
- HONEYSUCKLE, Scarlet Trumpet.** Scarlet and inodorous; blooms during Summer; very handsome. **Each 50c.**
- \***KUDZU VINE.** An extremely fast-growing vine, with immense leaves and bearing small racemes of rosy-purple, Pea-shaped flowers toward the close of August. **Each 50c., doz. \$5.00.**
- MATRIMONY VINE, var. Lycium Chinense.** A woody climber, bearing pale pink blooms and red fruit. **Each 50c.**
- SCHIZOPHRAGMA hydrangeoides.** (Climbing Hydrangea.) August. Bears large, flat heads of pinkish-white flowers. A rare and desirable plant where a low climber is needed. **Each \$1.00.**
- \***WISTARIA Chinensis.** (Chinese Wistaria.) A hardy, tall-growing climber with pale green foliage and foot long clusters of purplish, Pea-shaped flowers. Blooms in May. **Each 75c.; pot-grown, each \$1.00.**
- \***WISTARIA alba.** White-flowering variety of above. **Each \$1.00; pot-grown, each \$1.25.**

# FRUIT TREES



## Apples

The following list of Apples embraces varieties which have been tested, and can be recommended as the very best for general cultivation. Most all Apples are furnished in standard sizes; occasionally calls are made for dwarf trees, which can be supplied.

Standard Trees, 5 to 7 ft., each 60c., doz. \$6.00.

Special Prices in Hundred and Thousand lots

Dwarf Trees on Paradise Stock, 2 to 3 ft., each 75c., doz. \$8.00. These are useful for small gardens; usually bear third year after planting.

### SUMMER APPLES—Ripening August.

Varieties marked with an asterisk (\*) can be furnished on dwarf stock.

\***Early Harvest.** Moderate growth, medium to large; yellow; tender, rather acid; very good. Ripening August.

\***Golden Sweet.** Free growth; large; yellow, tender sweet, rich; very good. Ripening August and September.

\***Red Astrachan.** Free growth; large, roundish; deep crimson; juicy, rather acid; good; very hardy; highly esteemed on account of its fine appearance, earliness and hardness. Ripening August.

\***Sweet Bough.** Moderate growth; large; pale yellow, tender, juicy, sweet; very good. Ripening August.

\***Williams Favorite.** Moderate growth; large, oblong red; rich and excellent. Ripening August.

\***Yellow Transparent.** Free growth; Russian; medium; roundish, oblate, slightly conical; pale yellow; tender, juicy, sprightly subacid; good. Ripening August.

### AUTUMN APPLES

\***Fall Pippin.** Free growth; very large; yellow; tender, rich; very good or best. Ripening October to December.

\***Fameuse, or Snow.** Vigorous growth; medium; deep crimson; tender, subacid, melting, delicious; very good, hardy. One of the best dessert Apples. Ripening November to January.

\***Gravenstein.** Vigorous growth; very large; striped; juicy, tender, crisp, rich, subacid; very good. Ripening September and October.

\***Duchess of Oldenburg.** Vigorous growth; Russian; large; striped, tender, juicy, subacid; good; regular and abundant bearer. One of the hardiest kinds known. Ripening September.

\***Porter.** Moderate growth; medium to large; yellow; fine grained; sprightly subacid; very good. Ripening September.

### WINTER APPLES

\***Baldwin.** Vigorous growth; large; bright red; crisp, juicy, subacid; good; the most popular and profitable market sort. Ripening December to March.

\***Delicious.** It is not the least bit of exaggeration to say that this Apple is one of the best, if not the best of the new varieties. It has been tested in all parts of the country, and has been extremely satisfactory in hardness, quality of fruit and as a shipper. The color is brilliant dark red, shading to yellow at the blossom end. The flesh is crisp, fine-grained, and quite juicy; flavor slightly acid but very pleasing. The tree is vigorous.

\***Hubbardston.** Free growth; large, striped red and yellow; tender, juicy, rich, slightly subacid; very good. Ripening November to January.

\***Jonathan.** Medium growth; red and yellow; tender, juicy and rich; very productive.

\***McIntosh Red.** Vigorous growth; handsome; very good; hardy. Ripening November to February.

\***Northern Spy.** Fruit is large and very attractive, being of bright red color with a delicious bloom; flesh is very juicy, crisp, tender and excellent for dessert or culinary uses. Ripening in November.

\***Rhode Island Greening.** Vigorous growth; large; green; fine grained; rich, subacid; very good. Ripening December to April.

\***Roxbury Russet.** Free growth; medium; greenish; rich, subacid; good, late keeper. Ripening December to June.

\***Sutton Beauty.** Free growth; medium to large; yellow and crimson; tender, juicy, subacid; very good and a long keeper. Ripening November to April.

\***Spitzenburg (Esopus).** Large, round, brilliant red, with gray dots; firm, rich, crisp, juicy, spicy and delicious. Tree rather a slow grower, but with high culture forms a large and spreading tree; a good bearer and a popular fruit. Ripening December to April.

\***Tolman's Sweet.** Free growth; medium; yellow; firm, rich, sweet. Ripening November to April.

\***Tompkins King or King of Tompkins County.** Vigorous growth; large; red-striped; tender, juicy, vinous; very good. Ripening November to January.

\***Wagener.** Vigorous growth; medium to large; yellow and crimson; juicy and subacid; very good. Ripening December to March.

\***Wealthy.** Free growth; medium; dark red; juicy, vinous, subacid; good; very hardy. Ripening December to February.

\***Wolf River.** Very large; beautiful red in the sun, on a yellow ground; strong grower and a good bearer. Original tree in Wisconsin is 40 years old, very healthy and extremely hardy. Ripening December to March.

\***Yellow Bellflower.** Free growth; large, yellow; crisp, juicy, acid to subacid; very good. Ripening November to February.

### CRAB APPLES

Standard Trees, 5 to 7 ft., each 75c., doz. \$8.00

\***Hyslop.** Large size; dark crimson, with bloom; very showy and most beautiful of all the class.

\***Transcendent.** Of the largest size of this class of Apples; red, showy, excellent and very handsome.

Plant fruit trees one inch deeper than they stood in the nursery row.

Press the earth firmly about the roots.

Trim broken or bruised branches, also two-thirds of the previous season's growth.

## Pears

Standard Pears, 5 to 7 ft., each 75c., doz. \$7.50

Except where noted.

## SUMMER PEARS

- \***Bartlett.** Vigorous growth; large; yellow and red; juicy, buttery, with a rich, musky flavor; very good. Ripening September.
- \***Clapp's Favorite.** Vigorous growth; very large and handsome; yellow and crimson; melting, buttery, vinous; very good. Ripening August.
- \***Wilder.** This new Pear has been tested sufficiently to warrant the highest commendation. It ripens in August and is a liberal cropper, bearing fruit shortly after transplanting. Skin bright yellow; flesh rich creamy color, and virtually coreless. It is the best keeper of all Pears and does not rot at the core. Very juicy and delicious in flavor.

## AUTUMN PEARS

- \***Anjon.** Vigorous growth; very large; greenish yellow; melting, buttery, juicy, sprightly, vinous; keeps into midwinter, and is the most valuable of all Winter Pears. Ripening November and December.
- \***Bosc.** Moderate growth; large; russety; buttery, rich, high-flavored; best. Ripening September and October. Each \$1.00, Extra Selected \$1.50.
- \***Seckel.** Moderate growth; medium; brown; juicy, melting and buttery; of the highest flavor. Ripening September and October.
- \***Sheldon.** Vigorous growth; large; russet and red; melting, rich, delicious; very good. Ripening October.
- \***Vermont Beauty.** Originated in Vermont. A very brilliant-colored skin and most beautiful when ripened. It matures a little later than the Seckel, and has qualities which render it valuable as a shipping Pear. Flesh rich, aromatic and juicy. The tree is strong in habit and is well adapted to the coldest climates.

## WINTER PEARS

- \***Dana's Hovey.** Moderate growth; small, but of fine quality. Ripening November to January.
- \***Lawrence.** Moderate growth; medium to large; golden yellow, melting, pleasant, aromatic; very good; a valuable Winter Pear. Ripening November and December.
- \***Winter Nellis.** Free growth; medium; russet; melting, buttery and rich; very good; one of the best early Winter Pears. Ripening December and January.

## DWARF PEARS

Varieties marked with an asterisk (\*) can be supplied in Dwarf  
3 to 4 ft., each 75c., doz. \$3.00

## Cherries

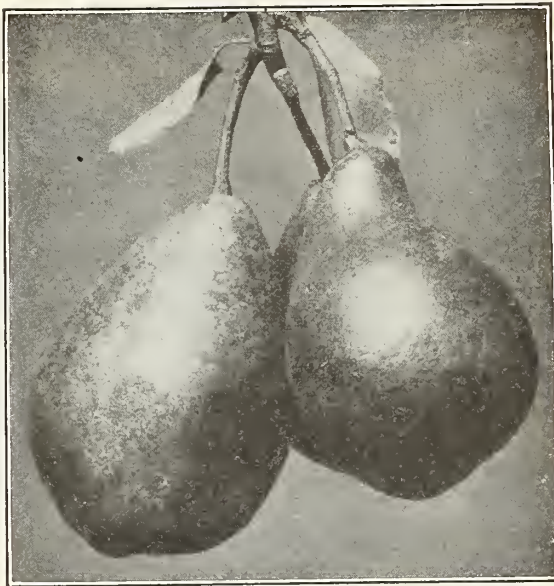
Standard Trees, 2 to 3 years, each 75c., doz. \$7.50

## SWEET

- \***Black Eagle.** Moderate growth; large; black, tender, rich, juicy; best. Ripening first of July.
- \***Black Tartarian.** Vigorous growth; very large; purplish black; one of the best. Ripening end of June.
- \***Coe's Transparent.** Vigorous growth; medium; pale amber and red; one of the best. Ripening end of June.
- \***Governor Wood.** Vigorous growth; medium; clear, light red; tender and delicious. Ripening end of June.
- \***Napoleon.** Vigorous growth; very large; pale yellow with red cheek; firm, juicy and sweet; very good. Ripening first of July.
- \***Rockport.** Vigorous growth; large pale amber and red; sweet and tender; good. Ripening first of July.
- \***Windsor.** Vigorous growth; large; liver colored; very firm; very good. A valuable variety; hardy. Ripening end of July.
- \***Yellow Spanish.** Vigorous growth; large; pale yellow, with red cheek; firm, juicy and delicious; very good. Ripening end of June.

## SOUR

- \***Early Richmond.** Medium size; dark red; juicy, rich acid flavor. The stone adheres to the stem. One of the most valuable of sour Cherries.



**Montmorency** (Large Montmorency). A Cherry of the Richmond class, but larger and more solid. A more upright grower, equally hardy, and a heavy cropper. Ripens from seven to ten days later than the Richmond, entirely escaping danger from Spring frost.

- \***Morello, English.** Large; dark red, nearly black; tender, juicy, subacid; valuable for preserves; tree small, slender growth; productive.

## Plums

Trees, 5 to 7 ft., each 75c., doz. \$7.50

- \***Bradshaw.** A very large, oval; bark violet red; juicy, sweet and good; a valuable market variety.
- \***Coe's Golden Drop.** Very large; light yellow; rather firm; rich, sweet and good; adheres to the stone.
- \***Lombard.** Medium oval; violet red, juicy, pleasant and good; very productive.

## JAPAN PLUMS

- \***Abundance.** Lemon-yellow ground, overspread with bright cherry, and with a heavy bloom; large.
- \***Burbank.** Large and beautiful; clear cherry red, with a thin lilac bloom; flesh a deep yellow; very sweet.
- \***Wickson.** Deep maroon-red, covered with white bloom; flesh fine texture, firm, sugary and delicious.

## Peaches

Each 50c., doz. \$4.00.

- \***Champion.** Handsome creamy white with red cheek. It is of large size and of very superior flavor.
- \***Crawford's Early.** Very large; yellow; juicy, melting; freestone. Ripening end of August.
- \***Crawford's Late.** Very large; yellow; juicy, good; freestone. Ripening end of September.
- \***Crosby.** Considered the best variety introduced for years. Grown extensively throughout New England.
- \***Elberta.** Large, light-colored yellow Peach; juicy, well flavored; finest yellow freestone.
- \***Mountain Rose.** Large; white and red; juicy; good. Ripening end of August.
- \***Oldmixon Free.** Large; greenish white and red; juicy and rich. Ripening middle of September.
- \***Stump the World.** Medium to large; red and white; good. Ripening middle of September.

## Quinces

3 to 4 ft., each 75c., doz. \$7.50

- \***Apple, or Orange.** Large, roundish; bright golden yellow; very productive.
- \***Bourgeat.** One of the finest yet offered. Color, rich golden, and quality extra good. Extra large.
- \***Champion.** A vigorous and productive variety. Ripening very late.
- \***Rea, or Rea's Mammoth.** A very large and fine variety of the Orange Quince. One of the best.

## SMALL FRUITS

### Blackberries

\$1.00 per doz., \$5.00 per 100

- Agawam.** Sweet, medium size. Early.  
**Eldorado.** Extra fine and very hardy; large sweet berry.  
**Erie.** One of the best; large and productive. Early.  
**Rathbun.** Extra large and productive.  
**Snyder.** Medium size; very fine. Medium.

### Currants

20c. each, \$1.50 per doz., \$10.00 per 100  
 except where noted

- Black Naples.** Large black for preserves.  
**Cherry.** Large, red, popular sort.  
**Fay's Prolific.** Largest and finest red.  
**Perfection (New).** Color red; larger than Fay and Cherry. Doz. \$2.00, 100 \$12.00.  
**Wilder.** Large, red, productive.  
**White Grape.** The best white variety.

### Raspberries

\$1.00 per doz., \$5.00 per 100

- Columbian.** Purple; very large and excellent keeper.  
**Cuthbert.** Medium to large, red, sweet.  
**Marlboro.** Popular red sort. Early and hardy.  
**Golden Queen.** Large, yellow and firm; fine quality.  
**Gregg.** Large, black cap, great bearer.  
**Kansas.** Large and early, black cap.  
**ST. REGIS.** A new Everbearing red variety.

### Gooseberries

- Red Jacket.** An American variety with large ruby-red fruit, fine flavor and free from mildew. Doz. \$2.50.  
**Pearl.** Prolific sort; free from mildew. The fruit is large; light green and fine quality. Doz. \$2.00.  
**Downing.** Whitish green, prolific. Doz. \$2.00.



Grape



Raspberry, Columbian

### Grapes—Hardy Varieties

**New Varieties.** We supply stock from originator only. The following sorts, which have given excellent results, are the best taken from a collection of new varieties.

**Amber Queen (Red).** An early red grape similar to the "Delaware" in flavor but larger and more productive. The most desirable red grape for the home garden. Each 75c.

**August Giant (Blue).** An early blue grape of large size and excellent quality. It is superior to most of the better known commercial varieties for home use. Each 75c.

**King Philip (Blue).** A hybrid grape combining the large size and quality of the "Black Hamburg" with the earliness and hardness of our native grapes. Each \$1.00.

**Early Bird (Blue).** (Originator's stock). It is without doubt the earliest grape on the market. It is dark blue in color and has a distinctive oblong shape. Its extreme earliness, large size, excellent quality, and the hardness and vigor of the vine make it an ideal sort for the home garden or the commercial vineyard. Each \$5.00.

#### BLACK

**Concord.** Large, always reliable. Medium.

**Eaton.** Very large, new. Medium.

**Campbell's Early.** Very large berry and clusters, rich flavor and very sweet.

**Moore's Early.** Large, fine quality. Early.

**Worden.** Large, excellent quality. Early.

#### RED

**Brighton.** Large, best quality. Early.

**Delaware.** Small, delicious. Late.

#### WHITE

**Green Mountain.** One of the best. Early.

**Moore's Diamond.** Large, excellent. Early.

**Niagara.** Large and productive. Medium.

50c ]  
 each  
 \$5.00  
 doz.

### Distances Apart for Planting Fruits.

- Apples, Standard, 30 to 40 ft. each way.  
 Apples, Dwarf, 10 to 15 ft. each way.  
 Cherries, 16 to 25 ft. each way.  
 Peaches, 16 to 20 ft. each way.  
 Pears, Standard, 20 to 30 ft. each way.  
 Pears, Dwarf, 10 to 15 ft. each way.  
 Plums, 16 to 20 ft. Grapes, 8 to 12 ft.  
 Blackberries, 4x6 ft. Currants, 4x4 ft.  
 Gooseberries, 4x4 ft. Raspberries, 3x5 ft.

# STRAWBERRY PLANTS

The Strawberry may be successfully grown in any soil adapted to the growth of ordinary garden crops. The ground should be well prepared by plowing at least eighteen inches deep, and properly enriched. Where the winters are severe, a slight covering of straw will be of great service.

## NEW VARIETIES

Price \$1.00 per dozen

**ARABINE.** An early variety of unusual merit. Berries are exceedingly large, of a bright red color and fine quality. Very productive and a vigorous grower.

**ROOSEVELT.** A midseason variety. Habit vigorous and strong. Fruit is much larger than Marshall, but similar in shape, color being a somewhat lighter crimson.

**HIAWATHA.** A late variety, ripening about the same time as the Commonwealth which it closely resembles in size and firmness, but of a better color and flavor. A variety adaptable to most soils.



Strawberry Marshall

## FALLBEARING VARIETIES

Price \$3.00 per 100

**Progressive.** A very choice everbearing sort with plants similar to the Dunlap, being strong, healthy and very hardy. The Progressive is one of the most perpetual, producing good picking for approximately four months when weather is favorable. Berries of medium size, dark red inside and out. Blossoms are strongly staminate, each flower producing a perfect berry. The large foliage is advantageous in protecting the fruit and blossoms.

**Superb.** The fruit of this excellent variety is very large, glossy dark red color, particularly firm and choicest quality. The Superb is the largest Fall Strawberry and its glossy color makes it very attractive. The berries are of exceedingly uniform size and shape and a rich blood red from outside to center. The plants are of healthy growth and a free plant producer. Parent plants are the only ones which yield fruit. Superb has produced berries up to the latter part of October.

## STANDARD VARIETIES

Price \$2.00 per 100, \$15.00 per 1000

**Abington.** A strong growing native variety of recent introduction. The fruit is of large size, bright red in color, very solid and of excellent flavor.

**Belmont.** (Late.) One of the standard varieties and always reliable, and without exception the berry whose flavor has not been excelled. Fruit is of medium size, firm and heavy. The color a deep, rich red, shading light at the center. As to its keeping qualities it is without doubt the best. An excellent sort for market purposes and home use, its lateness in ripening is a decided advantage, especially when grown for preserving.

**BRANDYWINE.** (Midseason.) Famous among commercial growers for its quality as a shipper. Color blood red; round; yields very large crops of finest quality berries.

**Commonwealth.** (Late.) A berry of Massachusetts origin and one which has a long fruiting season; it is probably as large as any berry at the present time and fully as productive. Its color is that dark crimson so much admired and unexcelled for its fine flavor and juiciness. Plants are particularly strong in growth.

**Golden Gate.** This variety is a particularly strong grower and very heavily rooted, bearing large stems and thick foliage. The flower stems are quite erect, producing large strong blossoms, making an exceptional sort for planting with the pistillate sorts for pollenizing. Fruit is a rich crimson, rarely showing green tips.

**Glen Mary.** An excellent berry for quality, large size and productiveness, and one that meets all requirements for home and market use. Usually the last berries picked are as large as the first. The color, which is a deep glossy crimson; is very attractive. The fruit is firm and solid and of excellent flavor; broad heart-shaped, sometimes widening at the tip.

**Marshall.** Undoubtedly the best strawberry for home use and one of the best as an exhibition berry, usually taking a prize wherever exhibited. The fruit is extra large and rarely misshapen. The color is one greatly admired, being a rich, glossy crimson, with this deep color running nearly to the center, while the quality is unexcelled.

**Sample.** A variety much used for market. A heavy yielder of large berries of excellent flavor.

**SENATOR DUNLAP.** (Midseason.) Is one of the universally popular varieties; famous as a shipper. Color dark red; top-shaped; fruit large, rich flavor.

**Warren.** One of the recent introductions of our local market, which has received a great amount of attention when exhibited. The fruit is borne in large clusters while the individual berries are of extra large size and continuing for a long period. The fruit is broad and quite flattened at the tips, being that dark blood red color which is always acceptable in the Boston market. For preserving it is unequalled.

The Strawberry plants offered on this page are layer plants and are for Spring delivery. Pot grown plants will be ready in August.

# INSECTICIDES AND FUNGICIDES

## For Insect Pests and Fungous Growths

**Liquids and Poisons are not mailable. Other Insecticides and Fungicides may be sent at Parcel Post rates if you remit the postage with your order**

**NOTE:** Owing to the condition of the chemical market the prices quoted are subject to change.

**ANT-I-CIDE** (Sterlingworth). The best and most effective remedy for ridding your lawn of ants. It is a non-poisonous powder, producing quick results. Easily applied by strewing on the infested surface. One pound will treat 200 square feet of surface.



1 lb. 25c., 5 lbs. \$1.00, 25 lbs. \$4.50.

**ANTI CROW CORN OIL** (Sterlingworth).

A non-poisonous oil for protecting newly planted corn from crows and blackbirds. Don't kill the crows—they are valuable bug destroyers. Corn treated with this oil will run through a seeder better than when treated with tar.

Pt. 25c., qt. 40c., gal. \$1.25.

**APHINE.** Effective against all soft-bodied and plant-sucking insects such as green, black, white fly, red spider, thrips, mealy bugs, brown and white scale, currant and cabbage worm, etc. Use as a spray or wash, diluting in water. An excellent cleanser for house plants.

Gill 25c., ½ pt. 40c., pt. 65c., qt. \$1.00, gal. \$2.50.

**APHIS PUNK.** Light with a match and allow to burn, which it does without flaming killing aphids and thrips very effectively. A box contains one dozen rolls.

Box 70c., case of 12 boxes, \$7.50.

**APHOL.** For destroying slugs, ants, wire worms, wood-lice and other insects infesting the soil. When making up heaps of potting soil, manure or leaf mold, use Aphol freely, or in the open ground.

14 lbs. \$1.00, 56 lbs. \$3.00, 112 lbs. \$5.50.

**ARBO** (Sterlingworth). An excellent combination fungicide and insecticide for general use on vegetables and fruits, except the Peach and Japanese Plum. Sticks like glue. Ready for use by mixing 1 pound with 5 gals. cold water.

1 lb. 30c., 5 lbs. \$1.25, 10 lbs. \$2.25.

**ARSENATE OF LEAD, PASTE.** Kills all leaf-eating insects like potato bugs, rose bugs, fruit tree worms, gypsy and brown-tail moths, caterpillars, elm leaf beetles etc., and sticks like paint to the leaves. It is easy to apply, and won't injure the most tender foliage. 1 lb. 35c., 2 lbs. 65c., 5 lbs. \$1.35, 10 lbs. \$2.40, 25 lbs. \$5.50, 50 lbs. \$10.50, 100 lbs. \$20.50, 300 lbs. \$60.00, 600 lbs. \$110.00.

**ARSENATE OF LEAD, Dry.** A dry form that is rapidly gaining in favor. 1 lb. 60c., 5 lbs. \$2.60, 10 lbs. \$4.75, 25 lbs. \$10.85, 50 lbs. \$21.35, 100 lbs. \$42.00, 300 lbs. \$124.00.

**"BLACK LEAF 40"** (Sulphate of Nicotine). Highly recommended for destroying aphids, thrips, etc., without injury to foliage. Perfectly soluble in water; no clogging of nozzles. 1 oz. 25c., ½ lb. 75c., makes 47 gals.; 2 lbs. \$2.50, makes 200 gals.; 10 lbs. \$10.75, makes 1000 gals.

**BORDEAUX MIXTURE, LIQUID** (Sterlingworth). Very effective in preventing and checking all fungous diseases, such as potato rot, potato blight, rust, mildew and diseases of grape. 1 qt. 45c., 1 gal. \$1.30, 5 gals. \$5.25, 10 gals. \$10.00.

**BORDEAUX MIXTURE, DRY** (Sterlingworth). In a popular and convenient form for immediate use; can be used dry or with water. 1 lb. 40c., 5 lbs. \$1.65.



**BORER OIL** (Sterlingworth). A few drops squirted into the tunnels made by Round or Flat Head Tree Borers will usually stop their work. An ordinary oil can is just the thing for applying.

1 pt. 25c., 1 qt. 40c., 1 gal. \$1.50.

**BUG DEATH.** A non-poisonous powder, sure death to potato, squash and cucumber bugs, currant and tomato worms; safe to handle. Apply dry or in water. 1 lb. 20c., 3 lbs. 50c., 5 lbs. 70c., 12½ lbs. \$1.50, 100 lbs. \$9.50.

**Dickey Duster**

Each 45c.

**B-D Sifter**

Each 60c.

**CONCENTRATED LIME-SULPHUR** (Bowker's.) Kills

San Jose Scale, bark lice, etc., and spores lodged on the bark. Needs only to be diluted with cold water and applied while the trees are dormant before the buds show green at the tips in the Spring. 1 gal. makes 110 gals. of spray. 1 gal. 80c., 5 gals. \$3.00, 10 gals. \$4.50, 50 gals. \$13.00.

**COPPER SOLUTION.** For mildew, blight and rust on fruit, flowers and vegetables. Should be diluted 100 times with water for spraying. An excellent spray for fruits when nearing maturity or when plants are in full bloom. Qt. \$1.25, gal. \$3.60.

**COW COMFORT.** Protects cattle and horses from the fly pest. A sure preventive, perfectly harmless, easily applied. Its use on milch cows protects the cows from shrinkage of Summer milk. Is applied best by spraying.

Qt. 40c., 1 gal. \$1.20, 5 gals. \$5.50.

Sprayer for Cow Comfort, 50c.

**CREOSOTE MIXTURE.** Recommended by the Massachusetts Gypsy Moth Commission. Is sure death to the eggs of the gypsy moth, tussock moth, and similar insects. Qt. 25c., gal. 65c., 5 gals. \$2.50, ½ bbl. of about 25 gals. \$7.00, barrels extra at cost.

**CUT WORM KILLER** (Sterlingworth). Produces quick results and the most effective cut worm killer yet introduced. It is non-poisonous to the user or animals. It is so alluring to cut worms that they are attracted to it in place of any vegetation. One pound sufficient for 175 plants in hills and for 150 feet of drill.

1 lb. 25c., 5 lbs. \$1.00, 25 lbs. \$4.00.

**FORMALDEHYDE.** A very efficient destroyer of disease germs affecting both animal and plant life, especially seed potatoes affected with scab. Dilute one pound to 20 gallons of water, 1 to 2 gallons sufficient for one bushel of seed.

1 lb. bottle 60c.



**FUNGINE.** An infallible remedy for mildew, rust, wilt, bench rot and other blights affecting flowers, fruits and vegetables. Equally effective under glass and out of doors. A sulphur composition which, diluted with water, contains no sediment and does not stain the foliage. One gallon makes 50 gallons spraying solution.

½ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.50.

**GISHURST'S COMPOUND** (Imported). For destroying red spider, mealy bug, scale, thrip, etc. Box, \$1.00.

**GRAPE DUST.** Very efficient in destroying mildews and preventing blights, either in greenhouses or in the open. Also prevents aphids and black fly.

1 lb. can (perforated) 25c., 5 lbs. 75c.

**HE-BO** (Sterlingworth). A substitute for Hellebore. Dust on vegetation affected with rose slugs, currant worms, cabbage worms, etc. ½ lb. 20c., 1 lb. 35c.

**HELLEBORE.** Effective dry or mixed with water for worms on currants, gooseberries, etc. where a violent poison like Paris Green or Arsenate of Lead is objectionable. Write for prices.

**"IMP" SOAP SPRAY.** The base is pure soap. It contains vegetable poisons, harmless to plants, but peculiarly effective against red spider on fruits, the rhododendron fly, rose bug and other insect pests on fruits, flowers and foliage. It sticks, but can be easily washed off before marketing. One gallon makes 12 gallons.

Qt. 80c., gal. \$2.35, 5 gals. \$10.00, 10 gals. \$18.50.

## INSECTICIDES AND FUNGICIDES—Continued

**INSECT-BAN TREE TAPE**, is a tape, saturated with a powerful insect repellent, enclosed in a waxed paper shield, which protects it from the weather. It is put on the tree as a band encircling the trunk, the user cutting it into proper length for each tree as he puts it up, fastening the ends with a small brad.

Per ft. 7c., 30 ft. roll, \$1.50.

**KEROSENE EMULSION** (Sterlingworth). Not injurious to foliage, and a sure remedy for lice, scale insects and most soft-bodied insects. Very valuable for washing domestic pets. Kills by contact.

Pt. 30c., qt. 50c., gal. \$1.25, 5 gals. \$5.00.

**LAWN SAND, CLIMAX**. Adheres to the rough hairy leaves of Dandelions, Plantains and other noxious weeds in lawns and destroys them. Also acts as a fertilizer. 3½ lbs. 75c., 7 lbs. \$1.25, 14 lbs. \$2.00, 28 lbs. \$3.00, 56 lbs. \$5.50.

**LE ION OIL**. The cheapest and one of the most effectual insecticides for cleaning plants of lice, scale, mealy bug, spider, thrips, black and green fly, mites, ants and mildew. Very effective on palms, ferns and rubber plants. Remarkable results are obtained when used on dogs or other animals for fleas, skin disease and for relieving mange. Full directions on package. ½ pt. 30c., pt. 50c., qt. 90c., ½ gal. \$1.50, gal. \$2.50, 5 gals. \$10.50.

**LIMITE**. Made from pure lump lime, thoroughly hydrated, having the advantages of quick lime. Used for squash and cucumber vines and potatoes. Also fine for liming the soil where it has become sour. Many other uses are described on package. 3-lb. pkg. 15c.

**MAGGOT ACID** (Sterlingworth). Useful against that maggot which railroads your carrots, turnips, radishes,

and causes your squash vines to die over night. Mix with 10 parts of water and pour around the roots of the plants likely to be attacked. Apply early as a preventive. 1 pt. 25c., 1 gal. \$1.50.

**NICO-FUME LIQUID**. A highly refined solution of free nicotine, containing 40 per cent. nicotine, for spraying as a remedy for aphids, thrips, black and white fly, and also may be used for vaporizing. Full directions on each package ¼ lb. 50c., lb. \$1.50, 4 lbs. \$5.50, 8 lbs. \$10.50.

**NICO-FUME TOBACCO PAPER**. Consists of a paper saturated with a nicotine solution containing not less than 20 per cent. of nicotine. A most effective mode of fumigation for conservatories and greenhouses, leaving no odor in the flowers. Tight can, containing 24 sheets 85c., 144 sheets (1 gross) \$4.00, 288 sheets (2 gross) \$7.50.

**NIKOTEN**. Is used either by fumigating or spraying. It is one of the most efficient insecticides for both greenhouse and garden use, being well adapted to the destruction of black and white fly on roses and carnations and particularly effective in the open, when used for aphids on Sweet Peas, Roses and Nasturtiums. Small bottle, 40c., ½ lb. bottle \$1.05, 1 lb. bottle \$1.85, 4 lb. bottle \$6.50, 8 lb. bottle \$12.00.

**NO-SCAB** (Sterlingworth). Grain Smut prevails wherever oats and other grains are grown. Potato scab is also more prevalent each year. Never plant potatoes without first treating them with No-Scab. Useful for Oat Smut and covered Smut of Barley, Stinking Smut of Wheat and Grain and for Potato scab. Full directions on package. ½ lb. bottles, 40c., 1 lb. bottles, 75c.

**PARIS GREEN**. More extensively used than any other poison. Purest of all brands. ¼ lb. 25c., ½ lb. 40c., 1 lb. 75c. Special price on large quantities.

**PLANT LICE KILLER** (Sterlingworth). Exclusively for use on house plants and vegetables infested with plant lice. Dilute 1 part to 15 parts water and apply as a fine spray. Pt. 25c., qt. 45c.

**PYROX, BOWKER'S**. The one best spray for apples, potatoes and general purposes against leaf-eating insects and fungous diseases. This combined insecticide and fungicide is better than Paris Green, Arsenate of Lead or Bordeaux Mixture and cheaper to use. It sticks to foliage like paint in spite of heavy rains. Mix with cold water and it is ready to use. 1 lb. 35c., 5 lbs. \$1.40, 10 lbs. \$2.50, 25 lbs. \$5.75, 50 lbs. \$10.75, 100 lbs. \$20.00, 300 lbs. \$57.00.

**RED SPIDER EMULSION** (Sterlingworth). "Red Spider" has long been one of the most serious pests with which growers of greenhouse plants have had to contend. Cucumber plants are often seriously injured and various ornamental plants are no less immune. Until recently no reliable control has been found. Use 1 part to 16 parts water. Qt. 50c., gal. \$1.50.

**SCALECIDE**. Sure death to the San Jose scale. A soluble petroleum spray for use in orchards. It is economical, effective, and acts as a fungicide. 1 qt. 60c., 1 gal. \$1.45, 5 gal. \$6.45, 10 gal. \$11.00, 30 gal. \$27.00, 50 gal. \$39.50.

**SLUG SHOT**. A light, composite, fine powder, easily distributed either by duster, bellows, or in water by spraying. Thoroughly reliable in killing currant worms, potato bugs, cabbage worms, lice, slugs, sow bugs, etc. Also strongly impregnated with fungicides. 1-lb. carton, perforated top, 20c., 5 lbs. 50c., 25 lbs. \$2.35, 125 lbs. \$11.00. Bulk, per bbl. (250 lbs.) 8½c. per lb.

**SULPHO-TOBACCO SOAP**. The most convenient form of tobacco as an insecticide for general use, and most effectual as a contact poison for insects infesting both plant and animal life. Applied either as a spray or a wash. 3-oz. pkg. 12c., ½ lb. 25c.

**SULPHUR**. Prevents mildew on grape vines, bushes, etc. Lb. 10c., 5 lbs. 40c.

**TANGLEFOOT**. For trees. A safeguard for trees, shrubs, etc., against the gypsy moth and canker worm. It should be applied before the foliage appears, a continuous band 2 inches in width and 1-16 to ½ inch in thickness being put around the trunk of the tree 3 or 4 feet from the ground. Perfectly harmless, remains sticky. 1-lb. 50c., 3-lbs. \$1.45, 10 lbs. \$4.50, 20 lbs. \$8.75.

**THRIP JUICE NO. 2**. Originally made to destroy and keep off thrips on grapes, but found to be very effective against aphids, red spider, mealy bug, soft scale and sucking insects. Dilute with from 16 to 40 parts water. Pt. 70c., qt. \$1.15, gal. \$4.00.

**TOBACCO DUST**. Valuable as an insecticide and fertilizer. Sure preventive for green fly, and better as a mulch than the stems. 1 lb. 10c., 5 lbs. 35c.

Burning, 100 lbs. \$5.00; dusting, 100 lbs. \$4.00.

**TOBACCO STEMS**. For fumigating. Valuable as a mulch for rose beds and sweet peas. Bale of about 100 lbs. \$1.75; bale of about 400 lbs. \$6.00.

**VERMINE**. For all soil vermine, such as cut, eel, wire and grub worms, slugs, root lice, maggots and ants. Dilute one part to 400 parts water, thoroughly soaking the ground. Does its work effectively without injury to vegetation, and protects your crops and lawns against the ravages under the soil. Gill 25c., ½ pt. 40c., pt. 65c., qt. \$1.00, gal. \$3.00, 5 gal. \$12.50.

**WEED KILLER, CLIMAX**. Tin No. 2, makes 100 gallons liquid \$3.00; tin No. 1, makes 25 gallons liquid, \$1.50.

**WEED KILLER** (Sterlingworth). A dry powder, to be dissolved in water, especially for use on walks, drives, tennis courts, golf links, etc. When applied to vegetation it completely destroys all kinds of weeds, grass. 1-lb. makes 10 gals., covers 45 to 60 sq. yds. 50c., 5-lbs. \$2.00.

**WHALE OIL SOAP, with Tobacco**. A very effective, simple and cheap preparation for the preservation of trees, shrubs, plants, vines, rose bushes, etc., from the ravages of insects. 1-lb. 25c., 5 lbs. \$1.00, 10 lbs. \$1.95.

**XL-ALL, RICHARD'S LIQUID INSECTICIDE**. Destroys mealy bug, red spider, etc. Pt. \$1.35, qt. \$2.25.

**XL-ALL, RICHARD'S VAPORIZING COMPOUND**. A safe, cheap, effectual material for the destruction of insects in greenhouses. Costs 30c. per 1000 cu. ft. No. 2 bottle, sufficient for 20,000 cu. ft., \$6.00; No. 1 bottle, sufficient for 40,000 cu. ft. \$10.00.

Vaporizing fumigator for same (Richard's), \$1.50.



# FERTILIZERS

**For Farm, Grass Land, Lawn, Garden and Greenhouse**  
**Prices are F. O. B. Boston**

War conditions are still seriously affecting the production and distribution of chemicals and other materials used in the manufacture of fertilizers and all goods offered are subject to being obtainable. Prices are subject to change without notice. Early orders will facilitate delivery with the present adverse transportation facilities.

## BOWKER'S HILL AND DRILL PHOSPHATE

This valuable phosphate is made for use in hills and drills, and also for sowing broadcast. It contains necessary ingredients to produce strong, healthy growth and early maturity. It may be applied in hills in quantities from a tablespoonful to a handful, for the consistency is such that it may be used in any fertilizer distributor. Ammonia 4 per cent., available and soluble phosphoric acid 10 per cent., potash 0 per cent.

100 lbs. \$4.25, 200 lbs. \$8.25, ¼ ton \$19.00,  
½ ton \$37.50, ton, price on application

For small gardens use Hill and Drill Phosphate.

## LAWN AND GARDEN DRESSING

For lawns, grass lots, kitchen gardens and flower beds. This superior dressing is made from chemicals, and is so prepared that it acts gradually throughout the season, producing a luxuriant growth of grass of a rich green color. It is far superior to lumpy, strawy manure, which disfigures the lawn and gives off an offensive odor. It is nearly odorless, and is easily applied. 10-lb. bag for 1000 sq. ft. 65c.; 25-lb. bag for 2500 sq. ft. \$1.35; 50-lb. bag for 5000 sq. ft. \$2.10; 100-lb. bag for ¼ acre \$4.00.

## BOWKER'S FARM AND GARDEN FERTILIZER

Similar to Hill and Drill but it contains a less amount of nitrogen, with about the same proportion of potash and phosphoric acid in equally as available form. A general fertilizer for farm and market garden crops that is soluble, easily assimilated and will produce an early and vigorous growth. It is both active and permanent, may be used alone or in connection with stable manure. Ammonia 2 per cent, available phosphoric acid 10 per cent., potash 0 per cent. Specially recommended for Potatoes and Corn.

100 lbs. \$3.25, 200 lbs. \$6.25, ¼ ton \$14.50,  
½ ton \$28.25, ton, price on application.

## BOWKER'S POTATO PHOSPHATE (1916)

An excellent complete fertilizer for potatoes and other root crops where a quick, strong growth is essential for a good crop. Ammonia 2 per cent., available and soluble phosphoric acid, 10 per cent., potash 1 per cent.

100 lbs. \$3.50, 200 lbs. \$6.75, ¼ ton \$16.25  
½ ton \$31.75, ton, price on application

## BOWKER'S SOLUBLE PHOSPHATE

14 per cent. soluble and available phosphoric acid.

100 lbs. \$2.50, 200 lbs. \$4.50, ¼ ton \$10.50,  
½ ton \$20.00, ton, price on application.

## STOCKBRIDGE FIVE EIGHT GENERAL CROP MANURE

For Potatoes and general farm and garden crops. This fertilizer offers the quality of plant food for which the Stockbridge Manures are famous. The large amount of available phosphoric acid in this fertilizer will aid to make available the potash contained in the soil and bring early maturity. Ammonia 5 per cent., available phosphoric acid 8 per cent., potash 0 per cent.

100 lbs. \$4.50, 200 lbs. \$8.50, ¼ ton \$20.75,  
½ ton \$40.75, ton, price on application.

## STOCKBRIDGE GENERAL CROP MANURE (1916) WITH ONE PER CENT. POTASH

For early truck, forcing and for top dressing. Nitrogen and phosphoric acid combined in a soluble, quick acting form which are needed for early forcing. Equivalent to ammonia 4 per cent., available phosphoric acid 9 per cent., potash 1 per cent.

100 lbs. \$4.50, 200 lbs. \$8.50, ¼ ton \$20.75,  
½ ton \$40.75, ton, price on application.

## LOWELL ANIMAL FERTILIZERS

A Complete Manure for All Crops. This brand is an unsurpassed all-around fertilizer, and we confidently recommend it as an unequalled crop-producer for general crops. Ammonia 3½ per cent., available and soluble phosphoric acid 10 per cent.

100-lb. bag \$3.75, 200 lbs. \$7.25, ¼ ton \$17.25,  
½ ton \$34.00, ton, price on application

## RAW PURE BONE MEAL

Ground very fine and an excellent fertilizer for pot plants or beds where immediate results are needed. Bone meal may be used as a general all-round fertilizer for vegetables, flowers, shrubs and in greenhouse work.

5 lbs. 30c., 25 lbs. \$1.00, 50 lbs. \$1.75, 100 lbs. \$3.25,  
¼ ton \$15.25, ½ ton \$29.50.

## FRESH GROUND BONE

It is practically raw ground bone, the only thing extracted from it being the grease, which is of no value as a fertilizer. After the grease is extracted, the bone is dried and ground in its pure state.

50 lbs. \$1.75, 100 lbs. \$3.25, ¼ ton \$15.25,  
½ ton \$29.50, ton, price on application.

## CRACKED BONE

For grape vines, fruit trees, shrubs and trees of all kinds. Should be used when planting out and should be well mixed with the soil to the depth of a foot or more.

5 lbs. 35c., 25 lbs. \$1.25, 100 lbs. \$4.25, ¼ ton \$19.25,  
½ ton \$37.75, ton, price on application

## FINE GROUND BONE TANKAGE

6 to 7 per cent, ammonia, 30 to 35 per cent. bone phosphate; equal to 13.75 to 16 per cent. phosphoric acid.

Price on application.

# AMMONIATES

## NITRATE OF SODA

15 to 16 per cent. nitrogen. Equal to 18 to 19 per cent. ammonia. 1b. 15c., 5 lbs. 60c.

## SULPHATE OF AMMONIA

20 per cent. nitrogen; 24 to 25 per cent. ammonia.

Price on application.

## DRIED BLOOD

Used to a great extent as a top dressing to produce quick growth, especially adapted to greenhouse use. 12 per cent. ammonia.

Price on application.

# IMPORTED FERTILIZERS

## CLAY'S FERTILIZER

Highly recommended by the leading horticulturists in the cultivation of fruits, flowers and vegetables for exhibition. Most productive and economical fertilizer for all horticultural purposes.

Price on application.

## SOOT, IMPORTED SCOTCH

Prevents mildew when mixed with sulphur at the rate of one-third sulphur and two-thirds soot. As a fertilizer it promotes growth and improves color of foliage and flower.

Price on application.

## THOMPSON'S

## SPECIAL CHRYSANTHEMUM MANURE

Entirely soluble and very powerful; especially suitable for top dressing for Chrysanthemums and similar plants. It is meant to be used as an additional stimulant during the growing season. A heaped dessert spoonful will be sufficient for a 10-in. pot, sprinkled over the surface of the soil and watered in with tepid water. This may be given three times during the growing season.

14 lbs. \$2.50, 28 lbs. \$4.50, 56 lbs. \$7.75.

## THOMPSON'S

## VINE, PLANT AND VEGETABLE MANURE

A safe and reliable food and stimulant for every fruit-bearing plant, also foliage and flower plants and vegetables. For making up a grape-vine border use ½ cwt. to a ton of loam for surface dressing or 1 lb. per yard, when the crops are thinned. A little fine soil should be mixed with the fertilizer when roots are near the surface.

7 lbs. \$1.35, 28 lbs. \$4.50, 56 lbs. \$7.75.

## FERTILIZERS

All prices are F. O. B. Boston and subject to Market Variations.

## NATURAL MANURES

## "WIZARD BRAND" PURE PULVERIZED SHEEP MANURE

Is the best, most convenient and economical natural manure. By what is known as the Direct Heat Process, the cold, wet manure is brought into contact with 2,000 to 2,600 degrees of heat generated from fuel oil under high pressure to evaporate the moisture. It is then screened free from bedding and rough stuff and packed in shredded form, or continued through grinders and pulverized as desired. This high temperature and quick drying effectually destroys the vitality of weed seeds and makes these products safe for all particular uses, such as golf course, country club and park lawns, market gardens, etc., in which the introduction of weeds and foreign grasses would be extremely objectionable. If you really want the greenest kind of a velvety lawn and gardens that will be a delight to possess, flowers of rare foliage and bloom, fruits and vegetables and berries that come near to perfection, give your soil a good dressing of Wizard Brand Sheep Manure the first thing this Spring. It does not fill your lawn with noxious weeds; it is always ready and clean to use, also easy to apply.

For top dressing lawns it is highly recommended. Quantity required: about 100 lbs. per 2000 sq. ft. of Lawn, or one ton per acre.

Lb. 10c., 5 lbs. 30c., 10 lbs. 55c., 25 lbs. \$1.00, 50 lbs. \$1.75 100 lbs. \$3.00, ¼ ton \$14.00,  
½ ton, \$27.00, ton \$52.50.

## "WIZARD BRAND"

**SHREDDED CATTLE MANURE.** Similar to above though not so finely pulverized. Valuable for dressing perennial beds, shrubbery and orchards, and good for ploughing in.

100 lbs. \$2.75, ¼ ton \$12.00, ½ ton \$23.25, ton \$45.00.

## ASHES

## CANADA UNLEACHED HARD WOOD

Excellent top dressing for lawns and grass land. They give to the grass a rich, dark shade of green and will destroy many of the insects that are injurious to grass roots. A superior lawn dressing.

100-lb. bags \$2.35, ¼ ton \$10.25, ½ ton \$19.50,  
ton \$37.50.

We deliver (in carload lots only) at any station on the main R. R. lines in Massachusetts, Vermont, New Hampshire, Rhode Island or Connecticut, or any station in Maine except points on the Main Central R. R. (Carload lots minimum weight 20 tons.)

Price on application.

## LIME STONE—PLASTER—SALT

**LIMITE.** Made from pure lump Lime, thoroughly hydrated, having the advantage of quick lime. Used for squash and cucumber vines and potatoes. Also fine for liming the soil when it has become sour. Many other uses as described on the package. (P. P. weight 3 lbs.) Pkg. 15c.

**LAND LIME STONE.** Lime is essentially a plant food, being a corrective for improper soil conditions and a neutralizer for acid soils. The lime we offer is especially prepared for these purposes. 2,000 to 6,000 lbs. per acre should be used on heavy soils, 1,000 to 3,000 lbs. to the acre on sandy soils, according to their need. 100-lb. bag \$1.00, 500 lbs. \$3.75, ½ ton \$6.75, ton \$12.00. In lots of three tons or over, \$11.25 per ton. Carload lots, price on application.

**LAND PLASTER.** Excellent for composting and fertilizing; is also used for preventing bugs from destroying cucumber, melon and squash vines.

5 lbs. 20c., 25 lbs. 50c., 100 lbs. \$1.25, ¼ ton \$4.75, ½ ton \$9.00, ton \$17.50.

**AGRICULTURAL SALT.** Used for top dressing Asparagus beds. About one-half ton is required for the acre, which should be applied as early as possible in the Spring. Bag about 140 lbs. \$2.00.



## "WIZARD BRAND"

**PULVERIZED CATTLE MANURE.** A good natural manure for mixing with soil for potting, top dressing and general garden and greenhouse work. An excellent substitute for stable manure. 100 lbs. \$2.75, ¼ ton \$12.00, ½ ton \$23.25, ton \$45.00.

## POTTING MATERIALS

**CHARCOAL.** Coarse and fine. For general use in potting plants to keep the soil sweet. 2 lbs. 15c. 10 lbs. 50c., 25 lbs. \$1.15, 50 lbs. \$2.00, 100 lbs. \$3.75.

**COCOANUT FIBER.** Screened and sifted. Cuttings of tender plants can be propagated successfully and quickly—it is useful also in a mixture with potting soil. As a surface covering for flower beds in Summer and for giving protection to the roots of somewhat tender plants during the Winter months, Coconut Fiber is unequaled. 5 lbs. 30c., 10 lbs. 50c., 25 lbs. \$1.00, 50 lbs. \$1.50, 100 lbs. \$2.75.

**LEAF MOULD.** Is very essential for growing plants. ½ pk. 25c., pk. 40c., bus. \$1.25, bbl. \$3.50.

**ORCHID PEAT or FERN ROOT.** Bbl. \$3.00, bus. \$1.25.

**POTTING SOIL.** This soil has been fertilized sufficiently for growing all kinds of plants. It is the same as we use in growing our plants. ½ pk. 25c., pk. 40c., bus. \$1.25, bbl. \$3.50.

**ROTTED FIBROUS PEAT.** This has become thoroughly rotted and is invaluable for potting plants. ½ pk. 20c., pk. 35c., bus. \$1.00, bbl. \$3.00.

**SILVER SAND.** For mixing with potting soil and for propagating. Pk. 50c., bus. \$1.50.

**SPHAGNUM MOSS.** We can furnish at almost any time of year, freshly gathered or dry.

Pk. 30c., bus. \$1.00, bbl. \$2.75.

## PLANT FOOD FOR HOUSE PLANTS

**BOWKER PLANT FOOD.** Made expressly for flowers grown in house or garden. It produces a healthy growth and early flowers.

Small pkt. 18c., large pkt. 30c.

**SHEEP MANURE FOR HOUSE PLANTS:** 1-lb. pkg. 10c., 5 lbs. 30c. Postage extra.

**STERLINGWORTH PLANT TABLETS.** They are simply wonderful for making plants bloom. Odorless and are used by dissolving in water. If you want beautiful, luxuriant plants, try just one box. Trial size 10c.; medium size (100 tablets) 25c.; large size (250 tablets) 50c.; all postpaid.



**Inoculate your Garden Peas, Beans, Sweet Peas, Alfalfa,  
Clover and other legumes with**

# Mulford Cultures

**FOR LEGUMES**

The use of inoculants on seed of these crops has been thoroughly demonstrated to be beneficial and profitable. The practice is rapidly becoming more general among practical and progressive planters.

These pod-bearing plants, the legumes, are the only ones that can assimilate the nitrogen of the air as part of their food. When grown under suitable soil conditions they have on their roots numbers of nodules caused by the presence of bacteria which convert this nitrogen from the air into a form suitable and readily available as plant food.

**Mulford Cultures** contain pure, tested strains of active, nitrogen-fixing bacteria for inoculating seeds of legumes or soil. They can be used with little trouble and at a small cost.

Do not expect the use of these cultures to replace careful soil preparation or crop cultivation.

No special knowledge is necessary to the use of **Mulford Cultures**. Add water to the bottle which is intentionally only about one-fourth filled, shake, and dampen the seed with this mixture.

Inoculation does not apply to Corn.

**It is necessary to get the proper kind of Culture for the particular kind of seed to be treated.**

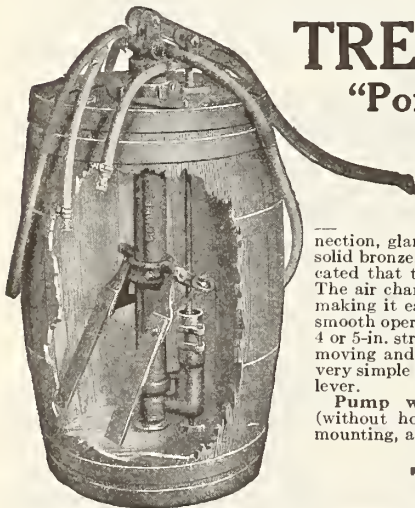
**Mulford Cultures are prepared for:**

**PRICES**

**Sweet Clover Alfalfa Vetch Garden Beans**  
**Red Clover Cow Peas Sweet Peas Lima Beans**  
**Alsike Clover Soy Beans Garden Peas and others**

5-acre size.....	} <b>Bacteria</b> {	.....\$5.00	
1-acre size.....		can be sent {	..... 1.50
1/4-acre, garden size.....		by {	..... .50
Half garden size.....		<b>Parcel Post</b> {	..... .25

Half garden size supplied only in 4 varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas.



Pomona Spray Pump

## TREE SPRAYERS

### "Pomona" Spray Pump

**The Best Pump for Three Men to Operate, One Pumping and Two Spraying**

The Pomona has sufficient capacity to supply two leads of hose and four nozzles. The plunger, plunger connection, gland valves, valve seats and strainer are of solid bronze. All working parts are simple and so located that they can be easily removed and cleaned. The air chamber is of steel and has a large capacity, making it easy to maintain the pressure, and giving smooth operation. The lever can be adjusted for a 3, 4 or 5-in. stroke, the adjustment being obtained by removing and replacing a single bolt. The agitator is very simple but effective, and is operated by the pump lever.

**Pump with Agitator and hose couplings, (without hose or nozzle), \$22.00. Barrel for end mounting, ask for price.**

### The "Fruitall"

**The Best Pump for Two Men to Operate, One Pumping, One Spraying**

The Fruitall is extremely simple in design, of smaller capacity and lighter in weight than the Pomona. It will supply two leads of hose and two nozzles. All working parts, as in the Pomona, are of bronze. The air chamber is large. The lever is long, making it easy to operate the pump and produce high pressure. The plunger is packed from the outside, so it is not necessary to take the entire pump apart to repack it. A wing agitator is used, similar to that used with the Pomona. The pump is fitted for mounting on the end of the barrel only, where it is held in place by an adjustable clamp which fits over the end of a stave. It is also anchored to the bottom of the barrel.

**Pump with Agitator and Hose Couplings, (without hose or nozzle) \$12.00.**

**Barrel for end mounting, ask for price.**



The Fruitall

# PORTABLE SPRAYERS

## The "Gardener's Choice" Sprayer

This is one of the most convenient spraying outfits for general use. It is particularly adapted for both the garden, greenhouse and orchard, as well as for spraying livestock in the barn and livery stable. It is a splendid whitewashing outfit, as the pump is strong and durable and has a good agitator. Pump has 1 3/4-in. brass cylinder, brass ball valves with brass seat and cage, brass plunger and our special plunger packing. The leverage is six to one; can be worked against a pressure of 125 lbs. Agitator: Twin paddle type, simple and effective; stirs the liquid thoroughly. Tank and Cart: 24-gallon wood tank with steel hoops and hinged wood top. Leg, tongue and handle of wrought pipe.

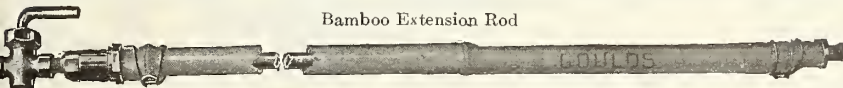


"Auto  
Spray"  
No. 40D

Metal wheels, diameter 24 in., with staggered spokes and 2-in. tires. Special axle of wrought iron pipe held by long through bolts. Hub-to-hub measurement, 33 in. Height to top of tank, 30 in. 6 ft. of 1/2-in. "Deco" discharge hose and our "Bordeaux" nozzle are furnished. Shipping Weight: including cart, when crated, is about 120 lbs. \$40.00.

**AUTO SPRAY NO. 40D.** A handy sprayer for handling whitewash, cold water paint and all insecticide solutions. Every country place should have one. It has a 12-gallon galvanized tank equipped with a plunger style pump with graphite packing. All the working parts are adjustable from the outside. The 1/2-in. plunger is brass with a 3 to 4 1/2 inch stroke as wanted, being hollow with a brass ball valve at the bottom. Acting in connection with an air chamber the reserve capacity is unusually great. The suction pipe is fitted with a brass strainer. The agitator is operated from the handle. A wide flange on the top of the tank prevents slopping over. Wheels 20 inches in diameter. Has 8 ft. 3/8 in. hose, 8 ft. iron extension rod, lever shut-off and a Non Clog Jr. Nozzle. Shipping weight 75 lbs. Each, \$28.00.

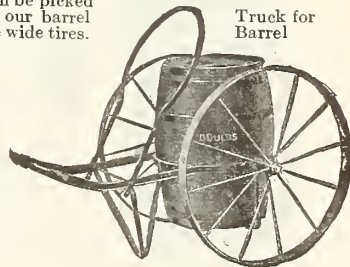
**Barrel Cart for Mounting Barrel Sprayers, etc.** The construction is such that any barrel can be picked up and held in place by a hoop that passes around the barrel. It is designed for mounting our barrel sprayers and will also be found useful for handling extra barrels of spray mixture. Wheels have wide tires. Weight, 112 lbs. Truck without barrel. Each, \$22.50.



Bamboo Extension Rod

**Bamboo Extension Rod.** This consists of a 10 ft. metal tube inserted in a bamboo rod. It is strongly re-inforced where the shut-off is attached to the tube to prevent breakage when dragging the hose. The tube is 1/4-in. inside diameter, and is fitted with a brass stop-cock with 1/4-in. female pipe thread. The other end of extension is fitted for brass coupling, 1/4-in. male pipe-thread to fit the nozzle. Each, \$5.00.

**Iron Extension Pipe** made of 1/4-in. iron pipe, 8 ft. lengths. Each \$3.50, fitted with stop cock and drip shield. Per extra ft., 15c.



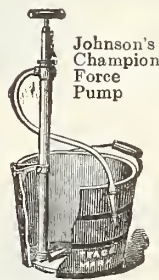
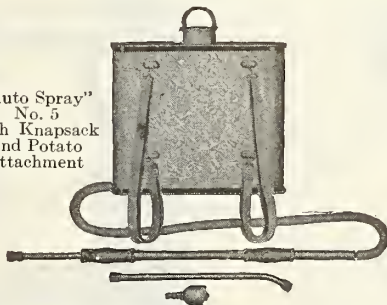
Truck for  
Barrel

## Bucket Pumps

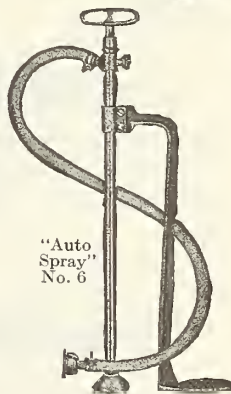


Perfect  
Success  
Spray  
Pump

"Auto Spray"  
No. 5  
with Knapsack  
and Potato  
Attachment



Johnson's  
Champion  
Force  
Pump



"Auto  
Spray"  
No. 6

**"AUTO SPRAY NO. 5."** The ideal all-purpose hand sprayer. It is made entirely of brass, and is double-acting, making the spray continuous. The pump cylinder is small in diameter and the operator can generate a high pressure with little labor. Its plan of operation is slightly different from other types of spraying apparatus, since the hose is used on the suction end instead of the discharge end. This makes it possible to use the pump with a bucket, barrel, tank or knapsack, depending upon the number of trees or the kind of spraying to be done. For bucket use a 2 1/2 ft. length of hose is supplied. To use it with barrel or tank for a large orchard, a longer hose up to 25 or 30 ft. is desirable. With 2 1/2 ft. hose and full set nozzles, ea., \$5.50  
**Knapsack.** To be used in connection with the above pump \$4.00  
**Potato Attachment.** \$0.70

**JOHNSON'S CHAMPION FORCE PUMP.** Made in a most durable manner; has a sprinkler and straight stream nozzle and rubber hose attached; throws six gallons of water per minute. \$7.50.

**PERFECT SUCCESS SPRAY PUMP.** Brass working parts and air chamber with indestructible bronze valves; is double acting, throwing a continuous stream. Malleable iron foot rest bucket clamp. The Bordeaux nozzle, the best combination nozzle on earth, is furnished each pump. \$8.00.

**"AUTO SPRAY" NO. 6.** Pump, valves and strainers are of brass, simply and strongly made and easily cleaned. A 3 ft. hose and two nozzles are supplied. \$5.50.

## Compressed Air Sprayers

**LOWELL FOUNTAIN SPRAYER.** The best compressed air sprayer for florists' use in greenhouses. All of the tobacco extracts can be used to best advantage with this sprayer. It is both automatic and positive in its action. One charge is sufficient to expel its entire contents. Having convex heads, entire contents can be drained from machine, leaving it perfectly dry when not in use. It is absolutely air-tight and the strongest air pressure sprayer made, standing five times the air pressure necessary to operate. Tree attachment, consisting of 3 ft. of  $\frac{3}{8}$  in. three-ply C. I. Rubber Tubing with spray nozzle for small tree and shrub spraying; funnel with brass wire strainer cloth for filling, and shoulder strap for carrying furnished with each machine, also attachment to spray the under side of leaves. Capacity of tank, 3 gals.

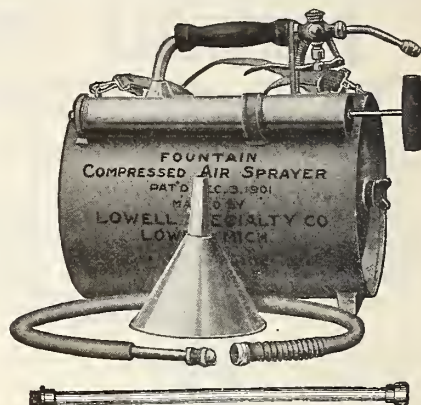
Galvanized steel, \$8.00 each; brass, \$12.00 each. Complete.

**LOWELL BABY FOUNTAIN.** It is equipped with a long spray crook which can be adjusted to spray in any direction. This feature combined with its size, makes it very useful for domestic and disinfection purposes. Tank holds 1 gal. Galvanized steel, \$5.50 each; brass, \$7.50.

Extra parts. Hose attachment, complete, \$1.00.

Brass Extension Rods. 2 ft. 70c. Nozzles, 35c. Spray Crooks \$1.00.

Strainers for filling, 25c.



Brass Extension Rod

**"AUTO SPRAY" NO 1.** A popular sprayer for garden and orchard use. The 4-gallon tank is of heavy steel or brass as wanted. The pump is located within the tank where it is protected from injury. Requires no tools to take it apart. Two pumpings will discharge the contents. Equipped with an automatic shut-off nozzle (the Auto Pop Spray Nozzle), 2 ft. of  $\frac{1}{2}$  inch rubber hose and shoulder strap.

Galvanized Steel, \$8.00; Brass \$12.00.

Extra parts. Auto Spray Nozzle. Does not clog, 75c.

**Auto Pop and Auto Spray Nozzle.** Simply closing the hand operates the lever that opens the valve. Closes automatically on releasing. \$2.00, with hose and fittings, \$2.50.

Brass Extension Pipe. 2 ft. 70c.

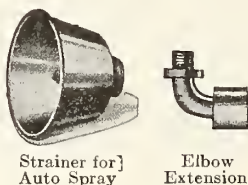
Brass Strainer for filling tank \$1.50.

**Elbow Extension.** Brass, used in connection with the extension pipe for spraying low growing vines like cucumbers, 35c.

**Two Row Attachment.** One nozzle, brass \$1.50.



"Auto Spray" No. 1 showing Auto Pop and Spray Nozzle



Strainer for Auto Spray

Elbow Extension



Two Row Attachment

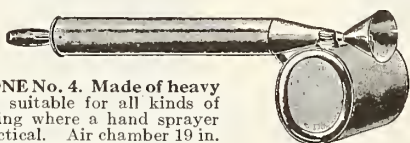
### REMEMBER

that we always carry in stock a complete line of

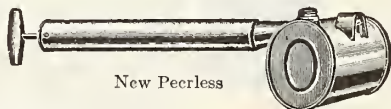
**INSECTICIDES and FUNGICIDES** for use in the garden or orchard. See pages 164 and 165 for a list with prices

## Hand Sprayers

**CYCLONE No. 4.** Made of heavy brass; suitable for all kinds of spraying where a hand sprayer is practical. Air chamber 19 in. x  $1\frac{1}{4}$  in. Holds about 1 qt. \$1.25

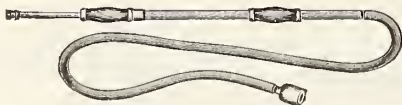


**MIDGET.** Used more particularly in houses for applying germicides and disinfectants. Efficient and popular. Holds 1 pint. All tin, 35c.

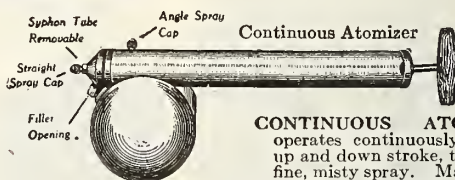


New Peerless

**NEW PEERLESS.** Tin. Made strongly for general purpose spraying. Holds about 1 quart. 50c.

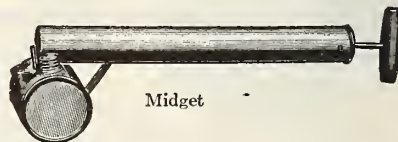


Auto-Spray No. 5



**CONTINUOUS ATOMIZER.** operates continuously on both up and down stroke, throwing a fine, misty spray. May be used for all solutions and insecticides.

for greenhouse, kitchen, garden, rose bushes and shrubbery. A special nozzle permits the spraying on the underside of leaves. 1 qt. galvanized, \$1.25; brass \$1.50. 2 qt. galvanized, \$1.50; brass, \$2.00.



Midget

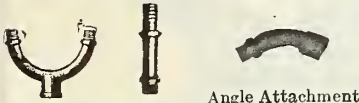
**BLOW POWDER SPRAYER.** A successful hand sprayer for poisons and disinfectants in powder form. The powder can holds 1 quart and has an aluminum finish. Tin, 75c.

**"AUTO-SPRAY" No. 5.** Will throw spray 20 ft. The finest bucket pump spray for a home garden. Whitewash nozzle attached; an excellent sprayer to distribute whitewash on hen houses; also fine for trees. \$5.50.



Auto Pop Nozzle

Bordeaux Nozzle

Hose and  
Nozzle Connection

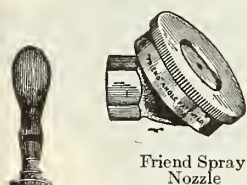
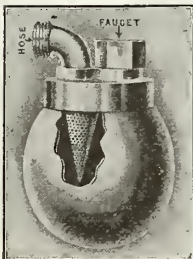
Angle Attachment

Double  
spray  
attachment

Nozzle Coupling and Hose Stock



Mistry, Jr.

Friend Spray  
Nozzle

Barrie Soap Mixer

Brass  
Syringe

G

H

Brass Syringes

A

Woodason's Bellows for Powder  
and FluidPerfection  
FumigatorRubber Plant  
Sprinkler

Dickey Duster

LITTLE  
GIANT  
DUSTER

Asbestos Torch



B-D Sifter



Kinney Pump

## SPRAYERS—Continued

INSECTICIDE SPRAY NOZZLES AND  
ATTACHMENTS

	Price
<b>Auto Pop.</b> Especially adapted to the Auto Spray pumps. Complete with hose and fittings.....	\$2.00
<b>Bordeaux Brass Nozzle.</b> Throws a fine, medium or coarse spray, or can be shut off altogether; easily disgorged; the best all-around spray nozzle made.....	2.50
<b>Friend.</b> One of the best recommended nozzles for tree spraying, etc. Angle spray or straight spray.....	1.50
<b>Mistry Jr.</b> Brass with hardened steel disc placed in discharge cap, easily removed. It is entirely satisfactory under all conditions, producing a perfect mist and covering a wide area. A coarse and fine disc supplied with each nozzle.....	1.50
<b>Vermorel.</b> Cut for 1/4 in. pipe. One spray.....	1.25
<b>Double Spraying Attachment.</b> For using two nozzles at the same time, 75c. Angle Attachment, underspraying.....	1.00
<b>Hose and Nozzle Connection.</b> For 1/2 in. or 3/4 in. regular hose coupling. Small end threaded 1/4 in., takes any of our nozzles.....	.40
<b>Nozzle Coupling and Hose Stock.</b> 1/4 in. pipe thread, other end for either 3/4 in. to 1/2 in. hose.....	.55
<b>Nozzles for Regular Hose Use.</b> See page 177.....	.45
<b>Bamboo Extension rod.</b> 10 ft. metal lined.....	5.00
<b>Iron Extension rod.</b> 8 ft. long, made of 1/4 in. pipe fitted with brass stop cock on one end and threaded on other end to fit nozzle; has hand shield to protect operator.....	3.50
<b>KINNEY PUMP.</b> See page 177 for description.....	2.50
<b>RUBBER PLANT SPRINKLER.</b> Made of rubber, with flat bottom and a finely perforated, detachable top. Very useful in bouquet-making and window gardening, for sprinkling, and for all purposes where a fine spray is desired. Bent or straight neck. 6 oz. 80c., 8 oz. 90c., 10 oz.....	1.10
<b>SOAP MIXER.</b> Universal. Heavy brass.....	6.00
<b>SOAP SPRAYER, BARRIE.</b> For mixing soap or salt with clear water without interfering with the flow of water in hose.....	6.00
<b>TORCH, Asbestos.</b> May be attached to any pole of suitable length. Saturate with kerosene oil, light and hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge. The heat instantly destroys the insects and will in no way injure the tree. Each.....	.50

## SYRINGES

**Brass Syringes.** All our syringes are brass, highly polished and lacquered and made with the best workmanship possible.

A. Barrel 12 in. long, 1 spray and 1 stream jet.....	2.50
2. Barrel 13 1/2 in. long, 1 coarse and 1 fine spray.....	4.50
10. Barrel 18 in. long, 1 coarse and 1 fine spray, rose and stream jet with patent valves, elbow joint.....	6.50
G. Barrel 16 in. long, 1 spray rose and 1 stream jet and elbow joint.....	5.00
H. Barrel 18 in. long, sheet brass, 1 spray rose.....	3.00
11. Same as No. 10 without valve.....	5.50

## BELLOWS, DUSTERS AND FUMIGATORS

## BELLOWS.

<b>Fluid Vaporizing.</b> Large size \$3.75; Small size.....	3.25
<b>Sulphur.</b> For applying sulphur, hellebore, etc., to plants.....	3.25
<b>Woodason's Double Cone Powder.</b> For dusting plants with dry powders for insects and fungus. This double cone bellows can be held in any direction without wasting powder, as it regulates its own supply, and it does not clog up, dusting under the leaves as well as on top. The best article ever invented for destroying insects in the conservatory, garden, orchard or field.....	6.00
<b>Woodason's Single Cone.</b> Large size.....	3.75
Small size (for conservatory and home use).....	2.25

## DUSTERS.

<b>Dickey.</b> An excellent article for using Bug Death, Slug Shot, etc.....	.45
<b>B-D-Sifter.</b> A practical, simple and economical device for dusting dry insecticides to all plants requiring a top application.....	.60
<b>For Paris Green.</b> Bottoms finely perforated for applying Paris Green mixtures and Slug Shot.....	.15
<b>Champion.</b> For applying any dry powder such as Paris Green, hellebore, etc., on plants or trees, the powder being evenly distributed over a wide space and with the least possible waste.....	14.00
<b>Little Giant.</b> Very similar to Champion, only smaller.....	11.00
<b>Blow Powder Sprayer.</b> The powder can hold one quart and the sprayer has an aluminum finish.....	.75

## FUMIGATORS.

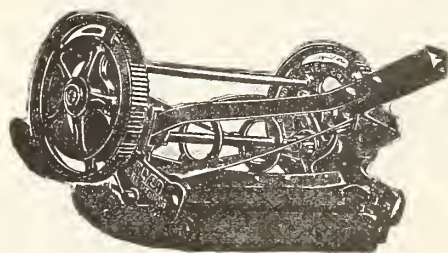
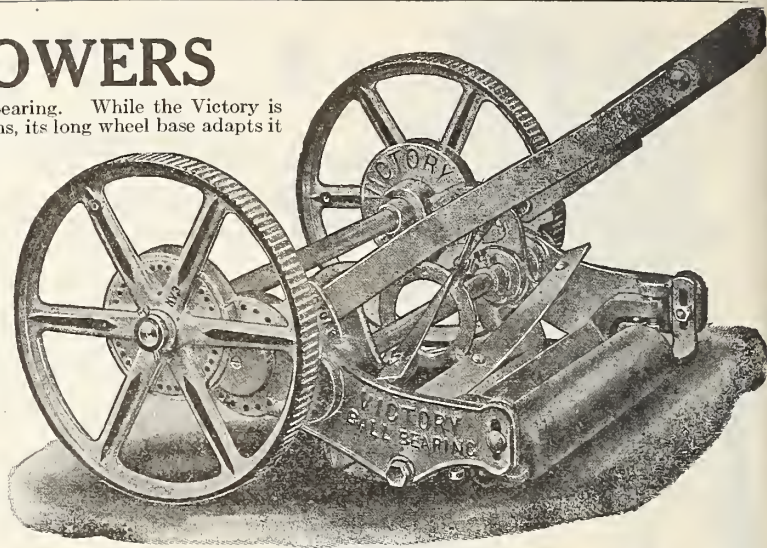
<b>Defiance.</b> For using Nicotieide, Nico-Fume or other insecticides in the liquid form. This fumigator has a cup for the liquid, placed on the lamp to vaporize.....	.60
<b>Eureka and Perfection.</b> Perfection contains a water tank; this tank being between the fire and the outside body, it prevents the body from burning out.	
	Perfection Eureka
No. 1 holds 1 pk. stems.....	\$5.25 \$2.50
No. 2 holds 1/2 bus. stems.....	6.00 3.50
No. 3 holds 3/4 bus. stems.....	7.50 4.25

# LAWN MOWERS

**TOWNSEND'S "VICTORY"** Ball bearing. While the Victory is especially adapted to cutting fine lawns, its long wheel base adapts it going over lawns too rough for most mowers. Its compound triple gear permits of the maximum strength with the minimum weight. These gears are entirely enclosed so that no dirt or cut grass can get into the pinions and clog them. It has a 10 in. wheel, 5½ in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. Of the many mowers of all makes that we repair during the year, this mower comes back with its working mechanism the cleanest.

12 in. \$13.50, 14 in. \$15.00, 16 in.

\$16.50, 18 in. \$18.00, 20 in. \$19.50.



**TOWNSEND'S "FLYER."** Ball bearing. This gem of lawn mower construction is so built to give a ball bearing mower at a very low price, that we can conscientiously sell and guarantee. It is the strongest, lightest running mower of its class. Has a 9-in. wheel, 5½-in. reel, 4 blades, crucible steel, oil tempered; lower blade is also crucible steel, oil tempered. 14 in. \$9.50, 16 in. \$10.50, 18 in. \$11.50.

**TOWNSEND'S "GLEANER."** For trimming and finishing lawns. An excellent ball bearing machine that we do not hesitate to recommend for finishing and trimming fine lawns and borders. A saving of time and easier than trimming by hand, producing better results. Strong, light and durable, will cut within ¼ of an inch of wall or fence, especially adapted for narrow borders around flower beds, shrubbery and hedges. Wheels 9-in. in diameter, reel 5½ in.; 4 blades, lower blade made of crucible steel, tempered. 8 in. cut \$7.50, 10 in. cut \$8.00, 12 in. cut \$8.50.

pered. Finished in gilt and heliotrope wheels.

**"PHILADELPHIA," STYLE K.** Five blades, 10 in. wheel, 6½ in. cylinder. Single pinion, geared on both sides. For all-round general purposes this is one of the best style mowers on the market. With its high wheels it runs light, and with five knives it cuts smooth and even, with the principles of construction so evenly balanced that it has the greatest amount of durability.

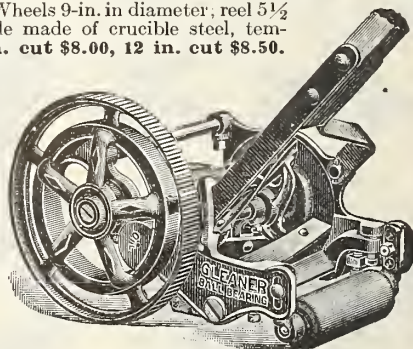
14 in. \$14.75, 16 in. \$16.25, 18 in. \$17.75, 20 in. \$19.25.

**"ALL DAY."** This is a strong, well made lawn mower with driving wheels 10 inch, diameter of cylinder 6½ inches, has 4 blades, single pinion geared both sides. 14 in. \$10.50, 16 in. \$11.25, 18 in. \$12.00.

**GRASS CATCHER.** The E. Z. Catcher will fit every size of mower and consists of a galvanized iron bottom with canvas sides and back. The 16 in. will fit all sizes from 12 to 16 in. \$2.00. 20 in. fits all sizes from 18 to 22 in. \$2.25.

**LAWN MOWER REPAIRING.** We employ only practical men to attend to this work, those who thoroughly understand their business, and we guarantee all machinery repaired by us to give satisfaction.

**OIL FOR LUBRICATING LAWN MOWERS, ETC.** ½ pts. 25c., gal. \$1.25.



Gleaner Lawn Mower

## Climax Lawn Sand Destroys Weeds

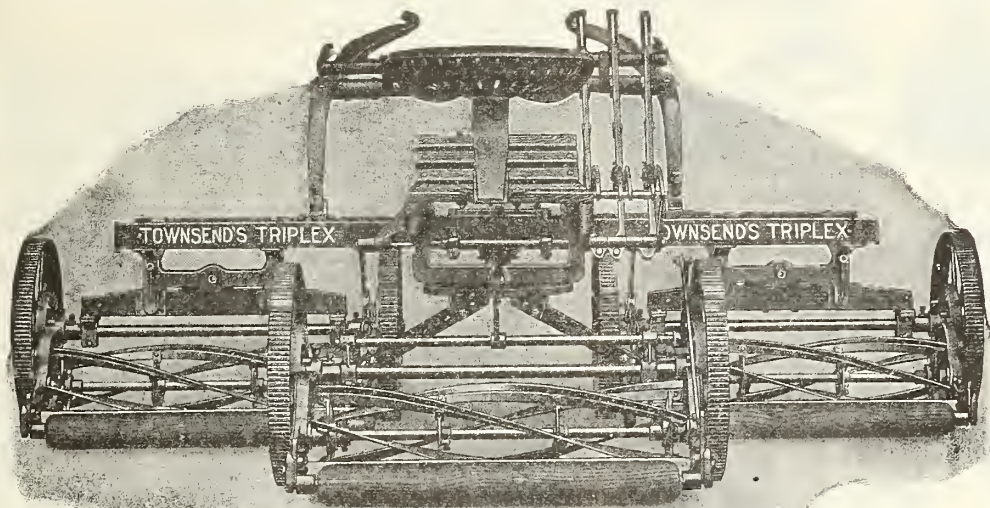
This remarkable preparation, when applied to weedy lawns, will adhere to the rough, hairy leaves of Dandelions, Plantains, etc., and, by absorbing therefrom all the sap, destroy them beyond recovery. Moreover, Climax Lawn Sand goes to the roots of smooth-bladed finer grasses and acts as a valuable fertilizer. The most weedy and impoverished lawn will show a remarkable improvement after a single application. A leaflet, giving in detail all the merits of this wonderful weed eradicator, explicit directions for use, and testimonials from every part of this country, will be gladly mailed free to any applicant.

**When to Apply.** March, April, May, July, August, September and October are the best months, selecting a bright, sunny day, with a prospect of 24 to 48 hours' settled weather.

The small size cans of Climax Lawn Sand can be sent by Parcel Post. Purchaser pays transit. See page 1 for rates.

Use 3½ lbs. for 150 sq. ft., 75c.; 7 lbs for 250 sq. ft., \$1.25; 14 lbs. for 500 sq. ft., \$2.00; 28 lbs. for 1,000 sq. ft., \$3.00; 56 lbs. for 2,000 sq. ft., \$5.50.

## HORSE LAWN MOWER FOR GOLF LINKS AND PRIVATE ESTATES



## Townsend's "Triplex" Lawn Mower for Golf Links

"THE GREATEST GRASS CUTTER ON EARTH"

A much lighter mower than the ordinary horse lawn mower, cutting a much wider swath. This machine will cut more grass with one man and a horse in the same time, than three ordinary horse mowers with three men and three horses, or more than any one man with the best motor mower. It rides easily over uneven ground, while one mower may be climbing a knoll, a second may be skimming a level, and the third may be paring a hollow.

Wheels 18 inches in diameter; reel 8 inches in diameter, with five blades made of very best crucible steel,  $1\frac{1}{2}$  inches wide, insuring durability. Lower knife very heavy and strong, with very best laid tool steel cutting edge.

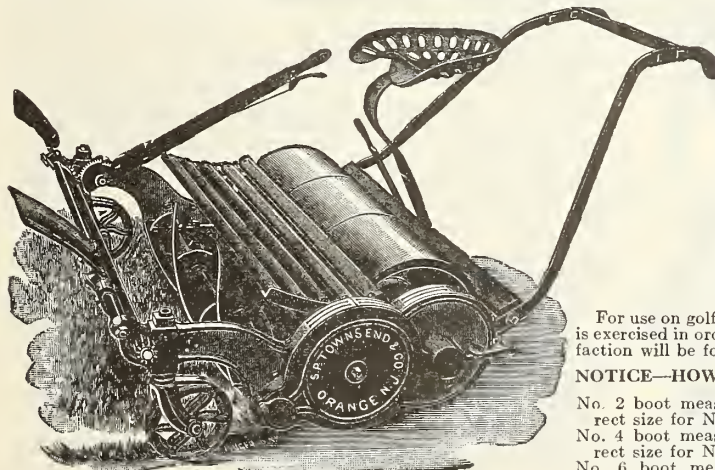
Ball Bearings: Very best steel balls, cones and cases. Indestructible triple ratchets and compound triple gearing. The Triplex consists of three "Glorious" mowers yoked together, two abreast in front, and one in the rear, the two in front being placed so as to leave an uncut swath, which the rear one will cut, allowing a lap of 2 inches on either side, thus making a clean cut of 86 inches in width.

A mower with quantities of recommendations. Price \$300.00, F. O. B. Factory.

## Golf Wonder

Ball bearing. This mower will cut putting greens, golf courses and other smooth and fine lawns better than any other mower made; it was designed especially for that purpose; no wheels to tear up the sod in turning or to leave tracks. The weight of the front part of the machine is carried on a wooden roller,  $6\frac{1}{2}$  in. in diameter, at the rear of the cutter bar. Reel 4 in. diameter, 7 knives, lower knife, Coes laid blade, glass hard.

16 in. \$24.00, 18 in. \$26.50, 20 in. \$29.00 f. o. b. factory.



Townsend Triple Ratchet Horse Lawn Mower

## Townsend Horse Lawn Mower

Its special features are: Triple rolls with triple pawls in each roll, making the most powerful and instantaneous driving mechanism ever put in a lawn mower. This feature maintains the motion of the blades even in turning sharp corners. A lever beside the driver enables him to cut any height from the ground and easily and quickly to raise the blades over stones or other obstructions without stopping the horse or leaving the seat. Large rolls 15 in. in diameter insure great power and ease of movement. 30in., \$94.00, 35 in. \$100.00, 38 in. \$106.00, f. o. b. factory.

## Horse Lawn Boots

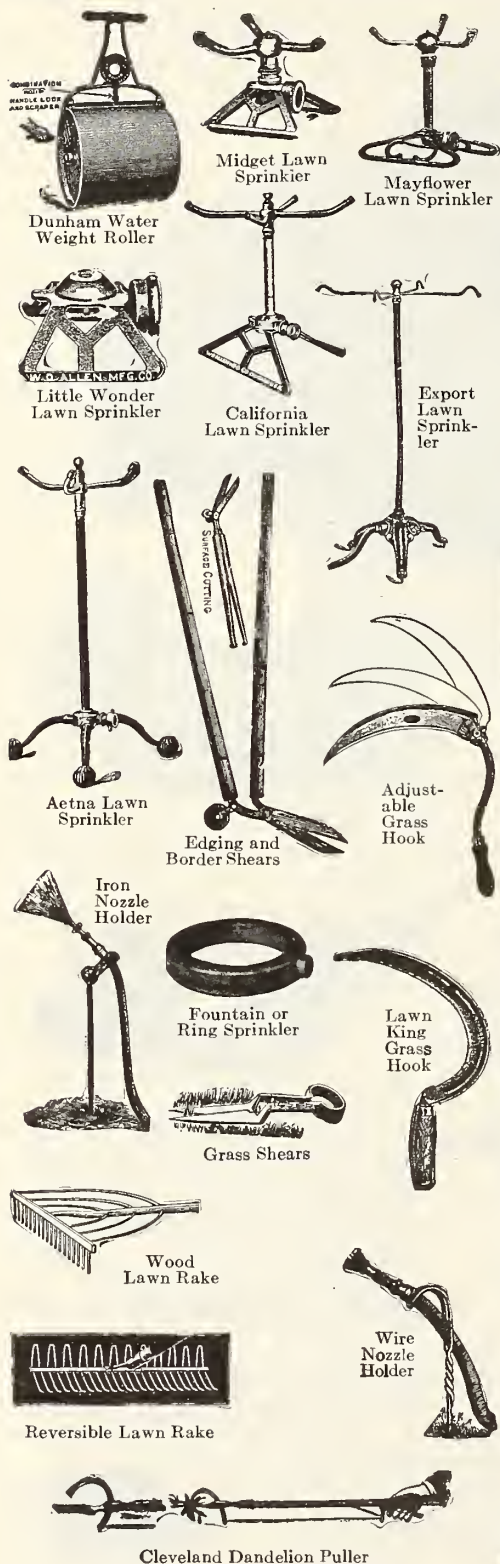
For use on golf links, tennis courts and fine lawns. Where care is exercised in ordering by size to fit the horse's feet, perfect satisfaction will be found. \$12.50 per set of four.

## NOTICE—HOW TO ORDER BY SIZE

No. 2 boot measures inside  $5\frac{1}{2}$  in., correct size for No. 2 horseshoe.  
No. 4 boot measures inside  $6\frac{1}{2}$  in., correct size for No. 4 horseshoe.  
No. 6 boot measures inside 7 in., correct size for No. 6 horseshoe.



Horse Lawn Boot



## LAWN REQUISITES

- EDGING KNIVES.**
- American Socket. With handle Each.....\$1.25
- Mehlers Special.....1.10
- GRASS HOOKS or SICKLES.**
- Lawn King. A high grade hook, well and favorably known, hollow ground and full polished with the best of steel......60
- Little Giant Adjustable. Really a three-in-one tool as it makes an excellent grass hook, corn hook and corn knife......50
- Townsend's Long Handled. A splendid tool when one finds it difficult to stoop with the ordinary sickle to cut under shrubbery. 3½ feet......75
- RAKES.**
- Gem Dandelion. Flat, blade-like teeth that clip off all the buds and blossoms of dandelions. The self cleaning attachment combs the teeth clean. 16 in. \$2.00; 24 in.....2.50
- Reversible Wire. Heavy tinned steel teeth. The arched ones are excellent for leaves and litter; the others for fine cut grass, and waks. 24 teeth......60
- Wood. Three steel bows, bent handle. 24 teeth......80
- DUNHAM WATER-WEIGHT LAWN ROLLERS.**
- No-Tip Lock. This scraper can also be locked down tight against the drum holding the handle upright when not in use.
- Rounding Edge. This rounded edge on Dunham Rollers will not tear up the grass, or mar the tennis court.
- | No. | Diam. Inches | Length Inches | Sec-tions | Weight Empty | Weight Filled With Water | Price   |
|-----|--------------|---------------|-----------|--------------|--------------------------|---------|
| WB5 | 18           | 24            | 1         | 85 lbs.      | 300 lbs.                 | \$13.00 |
| WB7 | 24           | 24            | 1         | 110 lbs.     | 500 lbs.                 | 17.00   |
| WB9 | 24           | 32            | 1         | 130 lbs.     | 600 lbs.                 | 19.00   |
- SHEARS.**
- Edging and Grass Border. 8 in., \$3.25; 9 in. \$3.75; 10 in.... 4.25
- With wheel, 8 in., \$3.75; 9 in. \$4.25; 10 in.....5.00
- Grass or Sheep Shears, Challenge. A high grade shear. The trowel shank makes cutting easy and saves the knuckles. Full polished......85
- Lightning. Trowel shank. Black handles......40
- Western. Bent blades, good steel. Full polished......70
- Grass Shears, Surface Cutting. For cutting under shrubs and fences, with 2 wheels. 8 in. blade, \$4.50; 9 in.....5.00
- Without wheel, 10 in.....4.50
- SOD CUTTER AND LIFTER.....5.00**
- LAWN SPRINKLERS.**
- Aetna. Is a most attractive sprinkler for the lawn. Stands 21½ in. high; has three arms.....2.25
- Baby Fountain, or Ring Sprinkler. About one-half the size of the regular Fountain Sprinkler......60
- California. Has four arms. Stands 12 in. high.....2.25
- Central. Can hold in hand, spray straight stream or spray can stick in ground for lawn......35
- Export. The showiest sprinklers. Wire baskets can be attached to same for catching the ball. Height 44 in. Four nickel arms, complete with basket and ball.....9.50
- Eight arms, complete with basket and ball.....11.00
- Fountain or Ring Sprinkler. Made of heavy brass......80
- Jones' Combination. Adjusted to sprinkle from 10 to 20 ft. in diameter.....5.00
- With extension making sprinkler spraying 30 to 40 ft. in diam. 5.70
- Little Wonder. The best cheap sprinkler......50
- Mayflower. 3-arm sprinkler. 9-in. high.....1.75
- Midget. Stands only 4 in. high.....1.25
- Putting Green Sprinkler for ¼-in. hose, height 48 in., and is made on wide malleable iron sled. Has arms that can be inclined at any angle.....6.25
- Raindrop. Can be held or left on ground......35
- WEED KILLERS.**
- Climax Lawn Sand. See page 165.
- Climax Weed Killer. See page 165.
- Erado. By this tool a killing solution is dropped on the root which prevents the weed from springing up again. Iron, \$1.25; Brass.....1.75
- Kilm Weed Eradicator. The charges are contained in a cardboard cylinder to fit inside the tool. There is nothing complicated about it. You simply push the point lightly into the weed, the pressure raises the slide and allows just a pinch of powder to fall on the cut portion.....3.00
- Weedite. Extra charges for the "Kilm Weed"......35
- WEED PULLERS. Cleveland.** Flat chisel blade that cuts off the roots. The spring and trigger holds them so they may be pulled out......85
- Kohler Spud. Rounding gouge, 50c.; shaped gouge......50
- COMBINED TRUCK, Hand Cart, Leaf Rack, Barrel and Sprinkler Attachment.** The numerous uses to which our combined hand cart can be applied, its "handiness" and immense amount of time and hard labor saved by its use make it almost indispensable.
- Barrel, Hand Cart Box, Leaf Rack, all easily attached to truck.
- Truck with 2½ in. tire.. \$17.00 Box for Cart.....\$6.50
- Barrel.....6.50 Leaf Rack.....13.50
- Sprinkling attachment for barrel.....5.50
- For illustration of this combination truck see page 184.
- LEAF RACK FOR WHEELBARROW.** The new device for collecting weeds and litter which fits on any wheelbarrow. It is made of galvanized wire. Capacity 10 bus.....8.00



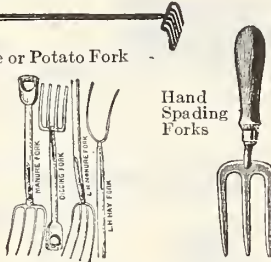


Vegetable Scoop, Soil and Ash Sifter



Common  
Fruit  
Picker

Perfect  
Fruit  
Picker



Pronged Hoe or Potato Fork

Hand  
Spading  
Forks



Cyclone Garden Border



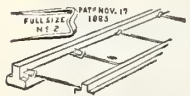
Individual Wickets  
Garden Border



Garden and Pruning Gloves



Siebert's Glazing Point



Peerless Glazing Point



Garden Reel



Garden  
Line



String Tied  
Grape Bags



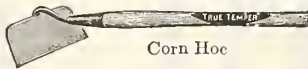
Humphrey Hoe



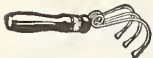
Arlington Hoe



American Scuffle Hoe



Corn Hoe



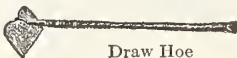
Magic Weeder



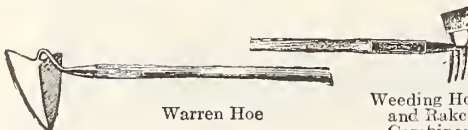
Baby  
Warren Hoe



Grub  
Hoe



Draw Hoe



Warren Hoe

Weeding Hoe  
and Rake  
Combined

**SUNDRIES—Continued**

**FORKS.**

Garden Spading. Malleable, 3 tines.....	Price \$0.20
Hand Spading. Carbon steel, enameled red, extra long handle, 4 tines.....	.40
Hand Spading. Good quality, 3 tines.....	.40
Hay. 3 tine, 3½ ft., 4 ft., 4½ ft. handle.....	1.40
3 tine, 5 ft., 5½ ft. handle.....	1.45
Manure. Malleable iron D handle, strap ferrule, 6 tine.....	2.20
5 tine, \$2.00; 4 tine.....	1.70
Long handles, same price. Wood D handles, add 25c. each.	
Potato Diggers. 6 heavy round tines \$1.45 5 heavy round tines.....	1.30
Spading. Wood D handle, strap ferrule, 4 tine, \$2.00; 5 tine.....	2.60
Malleable iron D handle, strap ferrule, 4 tine.....	1.75
5 tine.....	2.15
Boys'. Malleable iron D handle, plain ferrule.....	1.00
Vegetable Scoop, Soil and Ash Sifter.....	1.25

**FRUIT PICKERS.**

Common. Heavy galvanized wire.....	.40
Perfect. Galvanized steel wire; can be attached to a pole of any length.....	.40

FRUIT PICKER HANDLES. 12 ft. 50c., 8 ft.....	.30
--	-----

**FUMIGATORS.** See page 171.

**GARDEN BORDERS.**

Cyclone. Specially designed pattern, galvanized iron wire. 22 in. high, per ft. 14c., 16 in. high, per ft.....	.12
If in rolls of 165 ft. in length, price is 1c. per ft. less.	

Individual Wickets. Heavy wire.				
No.	Wide	High	Quantity Required	Doz. Each
1a	8 in.	12 in.	220 to 100 ft.	\$0.35 .05
1b	10 in.	15 in.	180 to 100 ft.	.06
1c	13 in.	20 in.	130 to 100 ft.	.90 .10
1d	16 in.	25 in.	100 to 100 ft.	.15

GARDEN LINES. Braided and made of best material; will not kink. 200 ft. \$2.00; 100 ft.....	1.00
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GARDEN LINE REEL. Large size, each \$1.25; small size, each.....	1.00
--	------

GLASS CUTTERS. Red Devil.....	.25
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**GLAZING POINTS.**

Peerless. Made of steel wire and galvanized. Box of 1000.....	.75
Pincers for driving Peerless Glazing Points.....	.50
Siebert's. Made of zinc; they will not rust. Made in two sizes, ½ in., per lb. cannot offer; ¾ in., per lb.....	1.00

**GLAZING PUTTY.** See page 181.

GLOVES. Garden and Pruning. Per pair \$1.75 to.....	2.50
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GRAFTING TOOLS OR KNIVES. Each \$1.00. Extra heavy.....	1.50
---	------

GRAFTING WAX. A superior article neatly put up 2 lbs. 80c., lb. 45c., ½ lb. 25c., ¼ lb.....	.15
---	-----

GRAPE BAGS. String tied. Just the thing for protecting individual bunches of grapes from injury. Easily and securely fastened. Doz 25c., 100 \$1.25, 1000.....	10.50
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**GRASS CATCHERS.** See page 172.

**GRASS HOOKS OR SICKLES.** See page 174.

**GRASS SHEARS.** See page 174.

**HEATERS FOR AUTOS AND VANS.** The construction is such as to render these heaters almost indestructible, and with ordinary care they will last a lifetime. They are so made as to afford the greatest radiation of heat at the smallest consumption of coal—and Lehman Coal is guaranteed to give 50 per cent. more heat than any other coal made. All drawers in Lehman Heaters are double thickness of iron in bottom, the only one on the market made in this way, and as the fire in drawer causes hardest wear on same, this feature doubles the life of Lehman Heater Drawers.

3C Oval, 14 in. long, polished brass ends, covered with carpet....	6.75
2C Triangular, 14 in. long, polished brass ends, covered with carpet....	4.25
6 Oval, 12 in. long, heavy white steel ends.....	2.25
6B Like No. 6, but covered with carpet.....	2.75
7 Oval, 20 in. long polished brass ends.....	5.00
10 Florists' or Van Heater. 14 in. long, 16 in. high, 3 drawers. Not covered. Iron feet that can be screwed to the floor.....	10.00

HEATER, COAL. In boxes of one dozen full-sized bricks.....	1.00
In cases of 100 full-sized bricks.....	7.50

**HEDGE SHEARS AND PRUNERS.** See page 181.

**HOES and WHEEL CULTIVATORS.** See page 182.

**HOES.**

Baby Warren. For transplanting, making and covering drills in flower beds, and weeding. Excellent for scraping young trees. 4½ in. blade.....	.65
Combination Draw Hoe and Rake with Handle. 6½ in. cut 6 teeth, 50c., 4½ in. cut, 4 teeth.....	.40
Corn. 7 in. blade, 2½ in. deep.....	1.00
Draw, or Field. 8 in. blades.....	1.00
Ladies size, 5 in. blade.....	.75
Grub Hoe. 6½ in. blade, with handle.....	2.00
Humphrey Hoe. 10 flat teeth.....	1.00
Magic Weeder Hoes. Strong and durable, spring teeth. Light and easy to use:	
Short Handle. 3 teeth, 20c.; 4 teeth, 30c., 4 teeth, 1½ in. blade on back.....	.40
Long Handle. 4 teeth, 3 in. blade on back, \$1.00; 4 teeth only.....	.85
Meadow Hoe. 9 in. blade.....	1.15

## SUNDRIES,—Continued

## HOES,—Continued

	Price
Mehler's Handy Gardener. Cultivates on three sides of the plant at one stroke. Each.....	1.10
Mehlor's Hoe Combination.....	1.10
Norcross Hoe Cultivator. It works easier and faster than any wheel hoe. Made of first-class material, light, durable. 5 prong, 4 ft. handle, \$1.25; 3 prong, 4 ft. handle, 85c.; 3 prong, 9 in. handle.....	.40
Pronged Hoe, or Potato Fork. 6 heavy round tines.....	1.45
5 heavy round tines.....	1.30
Pull Easy Hand Cultivators. Malleable iron and steel frame and teeth; arms easily adjustable to any width row.	
18 in., 9 teeth, 4 ft. handle.....	1.50
7 in., 4 teeth, 10 in. handle.....	.60
7 in., 4 teeth, 4 ft. handle.....	.75
Scuffle, Arlington. Extensively used by market gardeners. 5, 6, 7, 8, 9, or 10 in.....	2.00
Scuffle, or Push Hoe with Handle. American. 9 and 10 in., 70c., 7 and 8 in. 65c.; 6 in.....	.60
Warren. Heart-shaped hoe.....	1.10

HORSE LAWN BOOTS. See page 173.

## GARDEN HOSE AND ACCESSORIES

**P. F. R. Co.'s Best Rubber.** A vulcanized or moulded (not made of canvas or duck) hose, combining great flexibility without sacrificing strength or durability; has less tendency to kink when bent at sharp angles. Especially adapted for hard service in connection with stables, greenhouses, etc., where vehicles frequently run over it. We have it made specially for us under our own brands and we guarantee every foot.

**F. F. R. Co.'s Best.** Braided,  $\frac{1}{2}$  in., guaranteed, 50 ft. lengths. \$9.50

**F. F. R. Co.'s Best.** Braided,  $\frac{3}{4}$  in., guaranteed, 50 ft. lengths. 10.75

**Sampson.** An excellent grade of hose that has always given satisfaction. 3 ply,  $\frac{3}{4}$  in., guaranteed, 50 ft. lengths, \$9.50,  $\frac{1}{2}$  in., guaranteed, 50 ft. lengths.....

**Cotton or Woven Hose.**  $\frac{3}{4}$  in., 50 ft. lengths \$10.00,  $\frac{1}{2}$  in. 50 ft. lengths.....

**BULL DOG HOSE BANDS.** Fastens with screws.  $\frac{1}{2}$  in., each 5c., doz. 50c.,  $\frac{3}{4}$  in. each 6c., doz. 60c., 1 in., doz. \$1.75, each.....

**CLINCHER HOSE COUPLINGS.**  $\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$  in. doz. \$3.50. Ea.....

**COMMON BRASS COUPLINGS.**  $\frac{1}{2}$  or  $\frac{3}{4}$  in. 30c., doz. \$3.00, 1 in. each.....

**HOSE NOZZLE CONNECTION.** For connecting hose and spray nozzles.  $\frac{3}{4}$  in. x  $\frac{1}{4}$  in.....

**HOSE NOZZLE HOLDER.** The hose is held firm, and can be adapted to any elevation.

**Iron.** Ball and socket joint. Each \$1.00. Wire. Galvanized. .40

## HOSE MENDERS.

**Caldwell Hose Strap.** Made from best quality brass wire.  $\frac{1}{2}$  or  $\frac{3}{4}$  in. Doz. 30c. Pliers, each.....

**Clincher.** Sure to stay on as long as the hose lasts.  $\frac{1}{2}$  in. each doz. \$1.15;  $\frac{3}{4}$  in., doz. \$1.25 each.....

**Cooper.** One of the best. 1 in., doz. \$1.25. Each.....

$\frac{1}{2}$ ,  $\frac{5}{8}$ ,  $\frac{3}{4}$  in. doz. \$1.00. Each.....

**HOSE REDUCER.** 1 in. to  $\frac{3}{4}$  in. Each.....

$\frac{3}{4}$  in. to  $\frac{1}{4}$  in., to fit Bordeaux Nozzle, Each.....

## HOSE REELS.

**No. 20. Iron.** Holds 150 ft.  $\frac{3}{4}$  in. hose. Each.....

**No. 2. Iron.** Holds 100 ft.  $\frac{3}{4}$  in. hose. Each.....

**SHUT OFF CONNECTION.** Each.....

## SPRAY NOZZLES FOR HOSE.

**Allen.** Very similar to the favorite New Boston. Each.....

**Binks.** Screw top, supplied with coarse and fine discs. Each.....

**Bordeaux.** Throws a fine, medium or coarse spray, or can be shut off altogether. Easily disgorge; best all-around sprayer made.....

**Boston Rose Spray for Greenhouse.** For the greenhouse, flower bed, hotbed, lawn, etc. Made of brass. Each.....

**Champion.** Will throw a spray or solid stream with no back pressure.  $\frac{3}{4}$  in. brass.....

**Fairy.** A straight stream or spray.....

**Ferguson's Combination Sprayer and Syringe.** 3 roses with each. Made of brass. Splendid for syringing under the foliage of plants, where force is needed.  $\frac{3}{4}$  in. connection. Each for price.

**Greenhouse Hose Nozzle.** 4 in. face for 1 in. hose. Each.....

4 in. face for  $\frac{3}{4}$  in. hose, each \$1.50; 3 in. face. Each.....

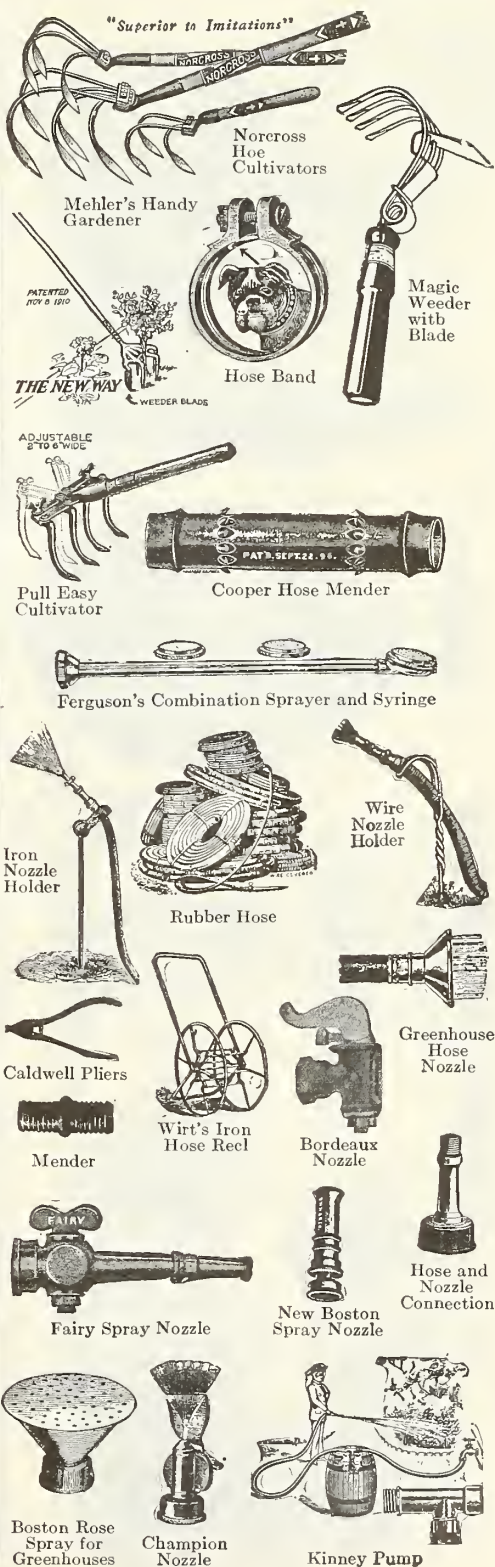
**Kinney Pump or Liquid Manure Distributor.** For mixing liquid manure with clear water without interfering with the flow of water in garden hose. It will apply from 5 to 15 gallons of liquid fertilizer per minute. Each.....

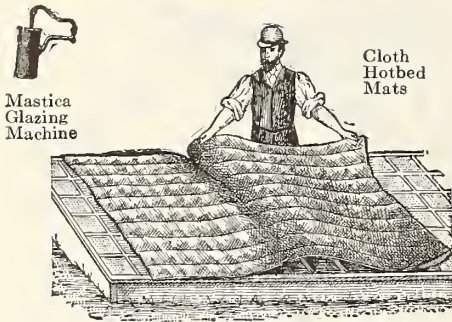
**New Boston.** Will throw a coarse or fine spray, or a large or small stream, as may be desired. Small. Each.....

**Stott's Spray.** Throws side spray. Single spray. Each.....

Double spray.....

**WASHERS.** Rubber.  $\frac{1}{2}$  and  $\frac{3}{4}$  in. lb. 50c., doz.....





Mastica  
Glazing  
Machine

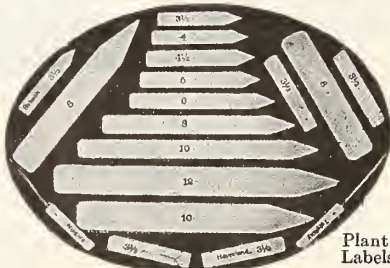
Cloth  
Hotbed  
Mats



Hotbed Sash with 12x18 Glass



A. L. U.  
Label



Plant  
Labels



Hotbed Thermometer



Permanent  
Label Holder



Budding and Pruning  
Knives

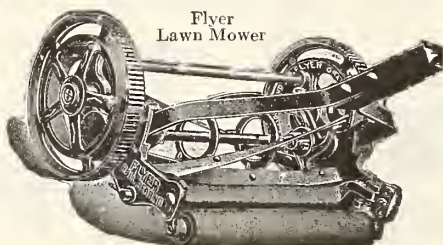


Dunham Water  
Weight Roller



Indestructible  
Copper Label

Horse Lawn Boot



Flyer  
Lawn Mower

**SUNDRIES—Continued**

**HOTBED AND COLD FRAME MATS**

**Cloth.** An excellent mat for protection of young plants in cold frames or hotbeds; not as bulky as the straw mats, and undoubtedly warmer; with extra width completely to cover two sash. They are filled with waste and quilted to hold shape.

Cloth both sides, 76 x 76.....Each \$3.75, doz. \$42.00  
Cloth both sides, 40 x 76.....Each \$1.90, doz. \$21.00  
Straw. Made by hand from the best rye straw, and in the most thorough manner. 6 x 6 ft., Each, \$3.00, doz. \$33.00. 3 x 6 ft., each \$1.75, per doz., \$19.80.  
Special prices on large lots, and special sizes made to order.

**HOTBED SASH**

**Double Glass.** Two layers of glass with the dead air space enclosed between, without boards or any covering, are warmer by night than the single layer sash with boards or mats; the warmth stored in the beds from the sun is held so effectively through the night, by the air space between the two layers of glass, that even at zero no covering or uncovering of the double glass sash is necessary. All plants in hotbeds and coldframes are improved by the constant light, night and day, that reaches them through the two layers of glass. These sash are made of the best cypress, and are thick and strong. They are all painted two coats and glazed.

Size, 3 x 6 ft., Each, \$9.00, 5 sash for \$42.50, 10 sash for \$82.50. Price on larger quantities on application.

**Our Regular Stock.** These are well made from very best quality and thoroughly seasoned lumber free from knots and imperfections. Glazed with double thick glass, painted two coats, size 6 x 8 in. glass. Each \$6.50.

Glazed double thick, painted two coats, size 8 x 10 in. glass. Each \$6.50.

**Unglazed.** Same as above. 1 3/4 in., 3 x 6 ft., either for 6 x 8, or 8 x 10 glass. Each, \$2.55.

**HOTBED AND MUSHROOM BED THERMOMETERS.** For use ground; with metal scale and point. Each, \$2.50.

**KINNEY PUMP.** See pages 171 and 177.

**KNIVES, BUDDING AND PRUNING.** Best American, 75c. to \$1.50

**LABELS.** Wooden, for plants, trees, etc. Plain.....\$0.15  
Pot Labels. 100.....\$0.70, 1000.....\$0.20, 10000.....\$1.05  
4 in.....\$0.15, 4 1/2 in......15, 5 in......20, 6 in......25  
Garden Labels. 8 in......65, 10 in., narrow......70, 12 in.....1.00  
3 1/2 in., iron wired......20, 3 1/2 in., copper wired......25

**Tree Labels.** 3 1/2 in., iron wired......20, 3 1/2 in., copper wired......25  
Labels, A. L. U. Securely fastened on without tying; expands with the growth of plants and may be instantly moved from one branch to another. It can be written on both sides with either ink or pencil; varnish, and the wording remains for all time.

7 in. 1000 \$9.50, 100 \$1.75; 5 in. 1000 \$8.50, 100.....1.00

**LABELS, Copper.** Made of copper and copper wired; indestructible and always legible. No. 2, 5 x 1 1/2 in., 100 \$2.00; No. 1, 3 1/2 x 3 1/2 in., 100.....1.50

**LABEL HOLDER.** Permanent. Informs you what is planted, where and when. Stamped steel frame (Japanned) with mica cover for label and steel standard. Printed card labels 2 3/4 x 1 1/4 in. 8 in. standard. Doz. \$2.00. Each, 20c.; 18 in. standards. Doz. \$2.50. Each, 25c.; 24 in. standards. Doz. \$2.75. Each......25

**LAWN BOOTS.** See page 173.

**LAWN MOWERS.** See pages 172 and 173.

**LAWN ROLLERS, SHEARS AND SPRINKLERS.** See page 174.

**MASTICA.** Liquid Putty. For glazing. Gal.....2.20

**MASTICA MACHINE.** For glazing with liquid putty. Each.....2.20

**MELON NETS.** For supporting Melons growing in greenhouse, doz.....2.50

**NOZZLES.** See pages 171 and 177.

**OIL.** Lubricating. For lawn mowers, etc. Gal. \$1.25, 1/2 pt.... .25

**PAPER.**

Manila. For parcelling. Sheets 20 x 30 in., 24 x 36 in., 30 x 40 in. 100 lbs. \$12.00, lb......14

Tissue, Light Brown. Sheets 20 x 30 in. Ream.....2.00

24 x 36 in. Ream.....2.75

Tissue White. Sheets 20 x 30 in. Ream.....2.50

24 x 36 in. Ream.....3.50

Waxed, Green. Sheets 12 x 18, per ream, \$2.00; 18 x 24, per ream, \$3.50; 24 x 36, per ream.....6.75

Waxed, White. Sheets, 12 x 18, per ream, \$1.25; 14 x 18, per ream, \$1.75; 15 x 20, per ream, \$2.00; 18 x 24, per ream, \$2.50; 24 x 36, per ream.....4.75

White. For parcelling. Sheets 20 x 30 in., 30 x 40 in., 24 x 36 in., 100 lbs. \$17.00; lb......18

**PENCILS.** Black Waterproof. Will withstand all climatic conditions. Each 10c., doz.....1.00

**PLANT PROTECTING CLOTH FOR HOTBEDS.** Valuable for covering hotbeds and frames in Spring instead of glass, and for throwing over bedding plants at night in Fall.

Brown. Medium grade, per yd., 28c.; by the piece, about 60 yds., per yd......26

White. Medium grade, per yd., 30c.; by the piece, about 60 yds., per yd......28

## SUNDRIES—Continued

PLANT SPRINKLER. See page 171.

PLANT STAKES. See Stakes, page 183.

## PLANT TUBS, STANDS AND SHELVES

Cedar. Painted green. Nos. 1 and 2 have hook handles, others drop handles.

	Diameter		Height		
	Outside	Inside	Outside	Inside	Each
No. 1	28 in.	25 in.	22 in.	20 in.	\$8.50
No. 2	26 in.	23 in.	20 in.	18 in.	7.75
No. 3	24 in.	21 in.	18½ in.	16 in.	5.75
No. 4	22 in.	19½ in.	17 in.	15 in.	5.25
No. 5	20 in.	17½ in.	16 in.	14 in.	4.75
No. 6	18½ in.	15½ in.	15 in.	13½ in.	3.75
No. 7	17 in.	14½ in.	14 in.	12½ in.	3.50
No. 8	16 in.	14 in.	13 in.	11½ in.	3.00
No. 9	14 in.	12½ in.	12 in.	10½ in.	2.50
No. 10	12 in.	10 in.	9½ in.	8½ in.	1.85

Richmond Cedar. Without feet, wire hoops. Painted green.

	Diam.		Depth	Each		Diam.		Depth	Each
No. 13	8 in.	8 in.	\$0.75		No. 15	10 in.	9 in.	\$1.00	
No. 14	9 in.	9 in.	.85		No. 16	11 in.	10 in.	1.15	

Oak. Natural wood finish. Bound with extra heavy iron hoops. Drop handles, no feet.

No.	Inches	Each	No.	Inches	Each
1.....	12x11	\$2.25	3.....	16x13	\$3.50
2.....	14x12	2.50	4.....	18x15	\$3.75

GALVANIZED IRON TUB. Made similar to Steel Plant Box.

Length	Width	Depth	Each	Length	Width	Depth	Each
10 in.	10 in.	7¼ in.	\$2.00	14 in.	14 in.	10¼ in.	\$2.85
12 in.	12 in.	8¼ in.	2.30	18 in.	18 in.	12¼ in.	3.75

GALVANIZED IRON PLANT BOXES. Its patented bottom gives the plants perfect drainage, and at the same time does not leak. The water receptacle runs full length of the box and gives the roots a plentiful supply of clean water. Galvanized iron, enamel dark green on outside and will last for many years. It can be set on the window sill inside, or hung from the window on outside, or fastened to rail on any part of the piazza. The only flower or plantbox which will give perfect drainage necessary for the growing of plants, and at the same time not leak or drip and damage the wood work.

## Model A.

Length	Width	Depth	Each	Length	Width	Depth	Each
12 in.	8½ in.	6¼ in.	\$1.00	36 in.	8½ in.	6¼ in.	\$2.75
18 in.	8½ in.	6¼ in.	1.25	38 in.	8½ in.	6¼ in.	3.00
24 in.	8½ in.	6¼ in.	1.50	42 in.	8½ in.	6¼ in.	3.60
28 in.	8½ in.	6¼ in.	1.75	48 in.	8½ in.	6¼ in.	4.00
30 in.	8½ in.	6¼ in.	2.00				

Model B. Especially designed for Pansies, Daisies and other plants which do not root deeply.

Length	Width	Depth	Each	Length	Width	Depth	Each
12 in.	7¾ in.	3¼ in.	\$0.65	24 in.	7¾ in.	3¼ in.	\$1.15
18 in.	7¾ in.	3¼ in.	.85				

Brackets. Each box requires a pair. Three styles of same material to match the boxes.

No. 1 For setting on sill.....	\$1.00
No. 2 For hanging under sill.....	1.30
No. 3 For the porch rail.....	.60

SWINGING BRACKETS FOR FLOWER POTS. Especially adapted to hold plain flower pots and saucers. Made of steel, very strong and durable. Artistic in design and finished black. Flower pots and saucers are absolutely secured by the spring clasp.

No.	Each	Doz.	No.	Each	Doz.
1 holds 5 in. pot....	\$0.45	\$4.50	3 holds 7 in. pot....	\$0.55	\$5.50
2 holds 6 in. pot....	\$0.50	5.00			

WIRE WINDOW PLANT SHELVES. Can be applied to any window moulding on the flat part of same. Adjustable brackets are so constructed as to allow the curtain between the window and shelf. Shelves 7½ in. wide. Each complete with brackets. 42 in., each \$1.65; 36 in., each \$1.50, 30 in., each..... 1.25

PLANT STANDS, WIRE FOLDING. Strong and durable.

When not in use can be folded and stored away in a small place. 4 tray, \$5.50, 3 tray, \$4.00, 2 tray, \$3.00, 1 tray..... 2.00

## FLOWER POTS, SAUCERS AND VASES

Jardiniere Flower Pots, Painted Green. Place the pot in the reservoir and pour water into the reservoir through the lip around the top edge, until water stands ½ in. deep in the lip. This supply will last for 8 to 10 days.

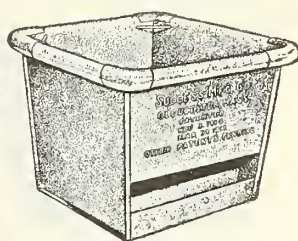
Fern Pans	Each	Doz.	Standard Pots	Each	Doz.
4½ in.....	\$0.40	\$4.20	6 in.....	\$0.55	\$6.00
5 in.....	.50	5.40			

Pots, Standard Clay Flower. Measurements from inside to inside.

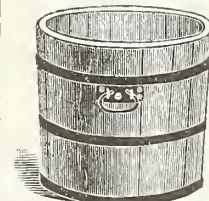
Width and depth equal.							
Inches	Each	Doz.	100	Inches	Each	Doz.	100
2.....	\$0.03	\$0.20	\$1.00	9.....	\$0.30	\$3.35	\$26.00
2½.....	.03	.25	1.30	10.....	.45	4.50	35.10
3.....	.04	.30	1.70	11.....	.60	6.75	52.00
3½.....	.04	.35	2.10	12.....	.80	9.00	71.50
4.....	.05	.40	2.60				Each
4½.....	.06	.55	3.55	13.....	} Measure in to out {		.95
5.....	.07	.65	4.70	14.....			1.20
6.....	.10	1.00	7.05	15.....			1.85
7.....	.15	1.60	11.70	16.....	} With handles {		2.60
8.....	.20	2.25	16.90	18.....			3.90



Cedar Tub



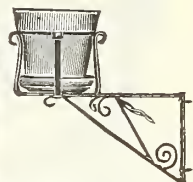
Galvanized Plant Tub



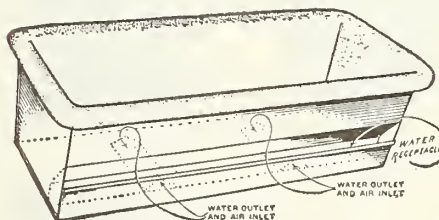
Oak Plant Tub



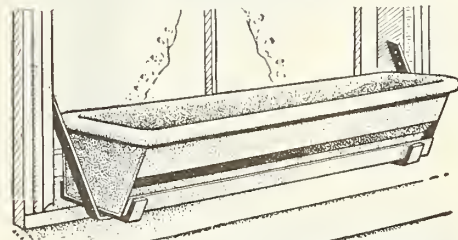
Richmond Cedar Tub



Swinging Bracket



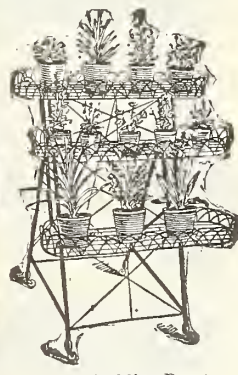
Galvanized Iron Plant Box

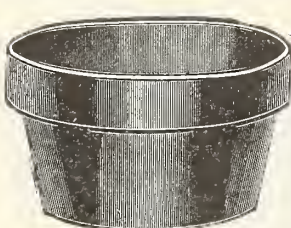


Extension Bracket No. 1 for setting on Sill

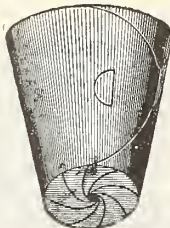


Wire Window Shelf

Standard Flower Pot  
and SaucerWire Folding Plant  
Stand



Bulb or Seed Pot



Neponset Flower Pot



Ask for Circular



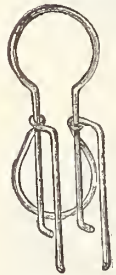
Fern Pan



Sizes 7-8-9



Sizes 10-12



Krick's Perfect Flower Pot Hanger



Fiber Flower Pot Saucer



Florist's Fiber Vase



May Tree Saucers



Putty Bulb



Fiber Flower Pot Saucer



Fiber Rolling Stand



**SUNDRIES—Continued**

**Bulb or Seed Pans, Round, Clay.**

	Each	Doz.	100		Each	Doz.	100
6 in.....	<b>\$0.10</b>	<b>\$1.00</b>	<b>\$7.05</b>	10 in.....	<b>\$0.45</b>	<b>\$4.50</b>	<b>\$35.10</b>
7 in.....	.15	1.60	11.70	12 in.....	.80	9.00	71.50
8 in.....	.20	2.15	16.90	14 in.....	1.25	15.00	

**Fern Pans.** These pans are made thin and strong, especially adapted for linings to porcelain and silver fern pans. Dimensions given are outside measurements.

Size	Each	Doz.	100	Size	Each	Doz.	100
4 1/2 in.	\$0.08	\$0.80	\$5.20	8 in.	\$0.15	\$1.75	\$13.00
5 1/2 in.	.10	.90	6.50	9 in.	.20	2.00	15.60
6 1/2 in.	.12	1.15	7.80	10 in.	.25	2.50	18.20
7 in.	.14	1.35	9.10				

**Hanging Pots, Clay, Unpainted.**

Size	Each	Doz.	Size	Each	Doz.
7 in.	\$0.25	\$2.25	10 in.	\$0.55	\$5.85
8 in.	.30	2.85	12 in.	.70	7.80
9 in.	.35	3.50			

**Hanging Pot Chains.** Nickel plated, each. .25

**Flower Pot Hanger, Krick's Perfect.**

Each	Doz.
No. 1 will fit from 3 1/2 to 5 in. pots.	\$0.05 \$0.35
No. 2 will fit from 5 to 8 in. pots.	.05 .40
No. 3 will fit from 8 to 12 in. pots.	.05 .45

**NEPONSET PAPER POTS.** Made from tough, lasting and thoroughly waterproof paper, which gives the necessary firmness. Unbreakable and made so as to give ample drainage. Not less than one case at the 1000 prices.

Inch	Case of	Wt.	100	1000	Inch	Case of	Wt.	100	1000
2 1/2	1000	14 lbs.	\$0.45	\$3.45	4	500	22 lbs.	\$1.15	\$9.65
2 1/2	1000	17 lbs.	.50	4.00	5	500	38 lbs.	1.90	16.00
3	1000	28 lbs.	.70	5.85	6	500	53 lbs.	2.60	22.00
3 1/2	1000	37 lbs.	1.00	8.00					

**PIERCE PAPER POTS.** Made from Waterproof fibre paper. This pot does not fold up or come apart as it is sealed together at the joints before being coated with an especially prepared waterproofing material that gives it strength and lasting qualities. Not less than one case at the 1000 price.

Inch	Per case	Wt.	100	1000	Inch	Per case	Wt.	100	1000
2	1000	15 lbs.	\$0.40	\$3.50	3 1/2	1000	38 lbs.	\$1.00	\$8.40
2 1/2	1000	17 lbs.	.45	3.85	4	500	49 lbs.	1.20	10.50
2 1/2	1000	20 lbs.	.55	4.55	5	500	75 lbs.	2.00	16.80
3	1000	29 lbs.	.70	5.95	6	500	106 lbs.	2.60	22.40

**CLAY SAUCERS.**

Size	Each	Doz.	100	Size	Each	Doz.	100
3 1/2 in.	\$0.04	\$0.30	\$1.70	10 in.	\$0.15	\$1.60	\$11.70
4 in.	.04	.35	2.00	11 in.	.20	2.00	14.30
5 in.	.05	.40	2.60	12 in.	.22	2.25	17.55
6 in.	.06	.60	3.90	13 in.	.25		
7 in.	.08	.80	5.20	14 in.	.30		
8 in.	.10	1.00	7.15	15 in.	.40		
9 in.	.13	1.40	9.75	16 in.	.55		

**MOISTURE-PROOF (May Tree) SAUCERS.** Are a rich reddish brown color, with a smooth wax finish, non breakable, and will protect woodwork, tables, etc., on which plants are to stand.

Size	Each	Doz.	Size	Each	Doz.
5 in.	\$0.11	\$1.15	9 in.	\$0.35	\$3.70
6 in.	.17	1.75	10 in.	.40	4.20
7 in.	.23	2.40	11 in.	.45	4.80
8 in.	.30	3.20	12 in.	.50	5.50

**FIBER SAUCERS.** Far cheaper in the end than earthenware. Are not porous.

Size	Each	Doz.	Size	Each	Doz.
5 in.	\$0.28	\$3.15	12 in.	\$0.46	\$5.24
6 in.	.29	3.25	14 in.	.58	6.62
7 in.	.31	3.50	16 in.	1.05	11.98
8 in.	.33	3.70	18 in.	1.23	14.02
9 in.	.36	4.10	20 in.	1.74	19.84
10 in.	.39	4.38			

**Rolling Stands for Fiber Saucers.** Heavy plants can be pushed around from place to place as easily as a light table.

Outside diam.	Will take pot of	Castors	Each	Doz.
about	Diam. at bottom			
12 in.	10 in.	3	\$1.00	\$11.40
14 in.	11 in.	3	1.25	14.25
16 in.	13 in.	4	1.68	19.00
18 in.	15 in.	4	2.09	22.80
20 in.	17 in.	4	2.50	28.50

**FIBER FLORISTS' VASES.** Have neither seams, joints nor hoops.

Diam.	Depth	Order by No.	Each	Doz.
Inside	Inside			
8 in.	13 in.	0.	\$1.40	\$15.78
5 1/2 in.	10 in.	1.	1.10	12.54
4 1/2 in.	9 in.	2.	.97	11.02
4 in.	6 in.	3.	.80	9.12
3 in.	4 1/2 in.	4.	.64	7.22
9 in.	22 in.	00.	4.85	55.10
7 in.	20 in.	01.	2.60	
5 1/2 in.	18 in.	11.	1.50	17.10
4 1/2 in.	15 in.	22.	1.15	13.12
4 in.	12 in.	33.	.97	11.02
3 in.	9 in.	44.	.80	9.12

## SUNDRIES—Continued

**PUTTY, Twemlow's Liquid.** For bedding glass in sash, and filling cracks or seams in roof joints or frames of greenhouses or hotbeds. 5 gal. \$17.50, 1 gal. can. \$3.50

**PUTTY BULB, Rubber.** For glazing. Each. 1.30

**RAFFIA.** The best material for tying, being very soft, pliable and strong. We also recommend Jute Twine for tying. Ask for prices.

## RAKES.

**Gem Dandelion Rake.** See page 174 for description. 16 in. \$2.00, 24 in. 2.50  
**Hay, Wood.** Three steel bows. Best. 14 teeth. .75  
**Lawn, Wood.** Three steel bows, bent handle. 24 teeth. .80  
**Reversible Wire Lawn.** Heavy tinned steel teeth. The arched ones are excellent for leaves and litter; the others for fine cut grass, and walks. 24 teeth. .60  
**Steel, Garden.** Long straight teeth. 18 teeth \$1.20, 16 teeth \$1.10, 14 teeth \$1.05, 12 teeth. .95  
**Steel, Gravel.** Short teeth for gravel walks. 18 teeth \$1.35, 16 teeth \$1.25, 14 teeth. 1.15

**RUSTIC WORK.** Strongly made from natural roots.

**Hanging Baskets.** 15 in. \$2.25, 12 in. \$1.75, 10 in. \$1.20, 9 in. \$1.00, 8 in. .90  
**Hexagon Stands.** Height 34 in., diam. 24 in., \$6.75; height 32 in. diam. 20 in., \$4.50; height 26 in., diam. 16 in. 3.50  
**Oblong Stands.** Height 34 in., length 28 in., \$7.50; height 30 in., length 24 in., \$4.50; height 26 in., length 18 in. 3.50  
**Settee.** Length of seat 4½ ft., \$13.50; 3½ ft. \$9.00; 2½ ft. 6.75  
**Stump Box.** Diameter 30 in. \$5.00, 24 in. \$4.00, 20 in. \$2.25, 16 in. 1.50  
**Window Box.** 30 in. \$3.50, 24 in. \$2.25, 18 in. 1.75

**SASH FOR HOTBEDS.** See page 178.

## SCYTHES.

**American.** 32 to 38 in. 1.75  
**Bush.** For hard use. 1.75  
**Snaths.** Patent swing socket. 1.40

## PRUNING SAWS.

**Adjustable Pole Pruner,** without handle, 18 in. 1.30  
**Avery Double Edge,** 18 in. 90c., 16 in. .80  
**Brown's Single Edge,** 18 in. \$1.10, 16 in. 1.00  
**Diston's Double Edge,** 18 in. \$1.35, 16 in. 1.25  
**Diston's Single Edge,** 16 in. \$1.15, 18 in. 1.25  
**Pruning Saw and Knife,** 10 in. long. 1.75

## PRUNING SCISSORS.

**Flower Gatherers.** For cutting and holding flowers. 7 in. 4.50  
 6 in. 3.00  
**Grape or Vine Scissors.** For thinning the bunch. Nickel Plated. 8 in. \$4.00, 7 in. \$3.00, 6 in. 2.50  
**Grape Clippers.** For thinning the bunches. .35  
**Rose Pruners.** Nickel plated. 6 in. \$3.00, 5 in. \$2.50, 4 in. 2.25

## PRUNING AND HEDGE SHEARS.

**American.** Black malleable iron handle  
 No. 1, with flat brass spring. .75  
 No. 14, with brass coil spring. .85  
 No. 30, with volute spring, black, 9 in. 1.00  
 No. 31, with volute spring, black, 10 in. 1.25  
 No. 40, with volute spring, polished, 9 in. 1.50  
**Branch or Lopping.** Imported. With long handles. No. 4 44 in. \$5.00; No. 3, 38 in. \$4.50; No. 2, 31 in. \$4.00; No. 1, 27 in. 3.25  
**French.** With steel spring. The best pruner ever offered.  
 Polished. 9 in. \$3.00, 8 in. \$2.75, 7 in. 2.25  
 Extra Springs. .35  
**F. F. R. Co.'s Special.** Made especially for us. Our name stamped on each shear. 9½ in. 2.50  
**Hedge, Plain.** 10 in. \$3.00, 9 in. \$2.50, 8 in. 2.00  
**Hedge, Notched.** 10 in. \$3.25, 9 in. \$2.75, 8 in. 2.25  
**Hedge, Never Slip.** The feature of these shears is the serrated edge, running the entire length of one blade. Will cut without slipping. 10 in. \$3.50, 9 in. \$3.25, 8 in. 3.00  
**Ladies' Garden.** With wooden handle, similar to Hedge shears, 6 in. blade. 1.75  
**Levin.** Very light and extra strong. 7½ oz. .75  
**Telephone Tree Pruner.** Can be used on a pole of any length and be operated with a cord. Sold without handles. 1.25  
**Waters' Tree Pruners.** With 10, 12, 14 or 16 ft. handles \$1.50, 8 ft. handle \$1.40, 6 ft. handle \$1.25, 4 ft. handle. 1.15  
 Extra blades, doz. \$3.00. .30

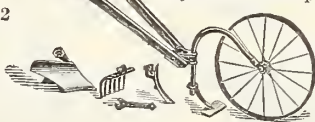


# Modern Gardening With *IRON AGE* Tools

The necessity for greater food production "to win the war" induced many thousands of patriotic citizens to have "war gardens." The results exceeded all expectations. Thousands have found recreation, inspiration and health while "doing their bit" in the fresh air and sunshine of their gardens. The care of a garden never loses its fascination. Even people who have gardened all their lives confess to the intense interest aroused by the mystery of creation going on in the earth's warm soil. Notice how quickly the busy man of affairs forgets everything else at mention of this garden. The garden has come to stay. Inexperienced gardeners have learned how to get the work done without back-bending, hand-seeding and hoeing. They have learned that gardens can be cultivated farm-like but without the horse. The modern garden is not made in beds, but drilled in long straight rows and rapidly cultivated with wheel hoes. A combination *Iron Age* Tool can be obtained at small cost that will prepare the soil, drill the seed, mark the rows, and conserve the moisture by keeping the soil loose and free from weeds. *Iron Age Tools* are used by men, women and children. Everyone finds them easy to push, and fast, thorough workers. Equally valuable in small gardens as well as large. Market gardeners use them,—seeders, wheel hoes, fertilizer drills, etc., making possible accurate sowing, thorough cultivation in narrow rows where horses could not go, and the quick application of fertilizers. There is a combination to meet every practical garden need. Some tools are shown here in reduced size merely to save space, but all are of uniform size. All are practical tools, not toys.

**No. 12, "Iron Age" Wheel Plow and Cultivator.** This tool is designed to perform all work needed to be done in a small kitchen garden; plowing, covering, hoeing, raking and cultivating. The average weight of this implement, fitted with one working tool is but eight pounds, and therefore can be carried about the garden and used as readily as a common hoe. Packed weight, 20 lbs. Price.....\$6.25

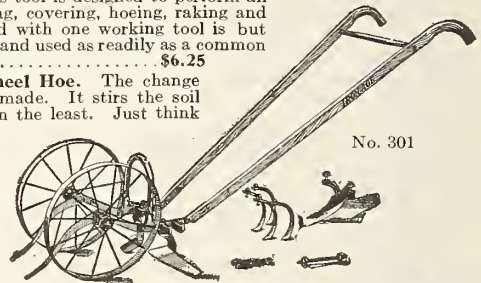
No. 12



**No. 301, "Iron Age" Double and Single Wheel Hoe.** The change from a Double to a Single Wheel Hoe is quickly made. It stirs the soil very close to the plants without disturbing them in the least. Just think

of the labor-saving possibilities of an implement that enables thorough cultivation of the garden at an easy walking gait. After the plants have outgrown the use of the side hoes, or where it is desired to practice deeper cultivation, the

cultivator teeth are applied. Plows may also be applied for working astride rows to turn the soil to the plants and to open furrows for manure or deep planting of seeds. Packed weight 40 lbs. Price.....\$12.00



No. 301

**No. 306, "Iron Age" Combined Double and Single Wheel Hoe, Hill and Drill Seeder.** Whether you garden for pleasure or profit, you need an *Iron Age* Garden Tool. Combined in this tool are three distinct and thoroughly practical implements, a Hill and Drill Seeder, a Double Wheel and a Single Wheel Hoe. As a Hill



No. 306

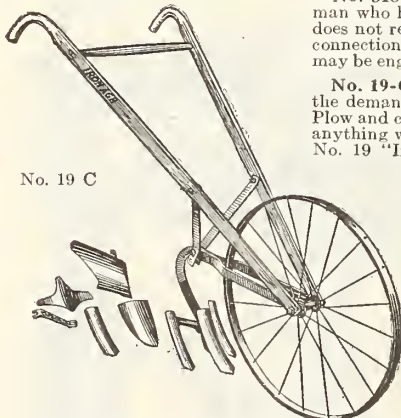
and Drill Seeder it opens the furrow, deposits the seed, covers it and rolls it all at one operation, either in drills or hills. The Drill is operated with great ease, is most accurate, durable and satisfactory. The seed sowing device is simple yet very effective. The agitator is simply a revolving brush of selected bristles, which separates the seeds which may cling together, and acts as a gentle force feed. Packed weight, 57 lbs. Price.....\$22.00



No. 317

**No. 317, "Iron Age" Combined Single Wheel Hoe and Drill Seeder.** A strong, durable tool designed to do all the work in any garden except dropping seed in hills, otherwise quite similar to a No. 306, with but a single wheel and plow. Packed weight 47 lbs. Price.....\$18.00

**No. 318, "Iron Age" Drill Seeder.** Designed especially for the man who has to plant successive crops in continuous rows and who does not require the hill dropping device. A handy tool to use in connection with No. 12 or 301 in gardens where more than one person may be engaged at work at the same time. Price.....\$15.00



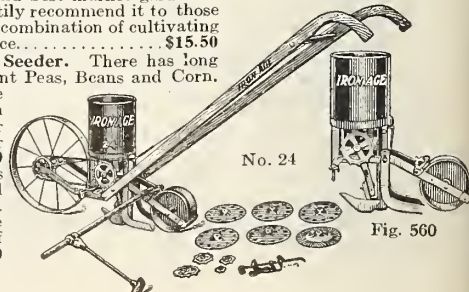
No. 19 C

**No. 19-C, "Iron Age" Wheel Plow and Cultivator.** To meet the demand coming from some sections for a Wheel Plow and cultivator equipped with a higher wheel than anything we have previously offered, we designed our No. 19 "Iron Age" Wheel Plow and Cultivator. In doing so it will be noticed we have kept in mind those excellent features which have made our whole line of *Iron Age* Garden Implements so popular, viz., lightness combined with strength. 24 inch wheel. Packed weight, 22 lbs. Price.....\$6.50

New Model  
Seed Drill

**The New Model Seed Drill.** The record of the "New Model" has been so entirely satisfactory, and its place as one of the leading drills has become so firmly established, that we are almost tempted to discard the term "New." It is still regarded by many of the oldest and best market gardeners as "the old standby," and we heartily recommend it to those desiring a Drill Seeder without the combination of cultivating tools. Packed weight 40 lbs. Price.....\$15.50

**No. 24, Corn, Bean and Pea Seeder.** There has long been a demand for a seeder to plant Peas, Beans and Corn.



No. 24

Fig. 560

Here is the tool that drops the seed regularly and evenly by the revolving plate method so successful in the *Iron Age* Potato planters. The six discs furnished with each machine will allow dropping at intervals of 4, 6, 8, 10 or 12 inches. The marker is adjustable up to 30 inches. The hopper is 8½ inches deep and 7 inches in diameter. Bush Lima Beans require a special set of plates. Packed weight, 64 lbs. Price \$19.00

**Fig. 560, Corn, Bean and Pea Seeder Attachment.** This attachment is the same used with our No. 24 and may be applied to the No. 1 and 301 Double and Single Wheel Hoes. The hopper measures 8½ inches deep by 7 inches in diameter. Seed may be dropped every 4, 6, 8, 10 or 12 inches apart. Marker is adjustable up to 30 inches. It can be used for Bush Lima Beans by buying a special set of plates. Price.....\$12.00

SUNDRIES—Continued

**CAHOON'S BROADCAST SEED SOWER.** The acknowledged superiority of these machines over all others has already placed them in the front rank of labor-saving agricultural implements. A saving of four-fifths of the labor and one-third of the seed is effected by their use, and a person entirely unused to sowing by hand can use this machine with perfect success. They are warranted to give perfect satisfaction, and to save their cost in less time than any other farm implement yet introduced. They are substantially built, and with ordinary care will last many years. Price

**HITTINGER GREENHOUSE SEEDER.** An excellent seeder for sowing Radish and Beets in beds in greenhouse. Will sow both ways, by drawing toward or pushing from you. Will save price in season. Unable to supply this year. \$5.00

**SHOVELS.**

**Harvard.** Round or square point, No. 2. Each \$1.65, No. 3... 1.75  
**Wendel.** Round or square point, No. 2. Each... 1.65  
Long handle... 1.85

**SICKLE OR GRASS HOOK.** See page 174 for description.

**Lawn King.**... .60  
**Little Giant Adjustable.**... .50  
**Townsend's Long Handled.**... .75

**SIEVES.** Galvanized Wire. For sifting loam, gravel, etc., 1 to 8 meshes per inch. 14 in. \$1.10, 16 in. \$1.35, 18 in., each... 1.65

**SILKALINE or SMILAX THREAD.** 2 oz. spools 40c., lb. .... 3.00

**SOD CUTTER AND LIFTER.**... 5.00

**SPADES.**

**Ames' Best.** Smooth back... 2.15  
**Baldwin.** Smooth back... 1.85  
**Peoples.** Smooth back... 1.65

**PLANT STAKES**

For Greenhouse, Conservatory or Garden Use

**Bamboo Stakes.** Painted green. Small and inconspicuous, but strong and very useful for small plants.  
Doz. 100 1000  
12 in. .... \$0.15 \$0.70 \$5.00 36 in. .... \$0.30 \$1.60 \$13.50  
18 in. .... .15 .85 6.65 42 in. .... .35 1.90 15.50  
24 in. .... .20 1.10 8.75 48 in. .... .40 2.20 17.85  
30 in. .... .25 1.35 11.00 60 in. .... .50 2.70 22.00

**Japanese Bamboo.** Natural. Length 12 to 14 ft., 100 \$9.00, doz. 1.35  
10 to 12 ft., averaging  $\frac{5}{8}$  in. to  $\frac{3}{4}$  in. at the butt, 100 \$8.00, doz. 1.25

**Japanese Cane Stakes.** Used by plant growers and in greenhouses for tying roses, chrysanthemums, etc.  
Doz. 100 1000  
6 ft. .... \$0.35 \$1.90 \$16.00 10 ft. .... \$0.60 \$3.50 \$32.50  
8 ft. .... .50 2.80 24.25

**Southern Cane Stakes.** Natural, varying in length from 6 to 9 ft. Not as strong as the Japanese but will answer many purposes fully as well. Random lengths 6 to 9 ft. per 100, \$1.60 1000... \$13.50

**Hardwood Square.** Unpainted.  
Length Doz. 100 1000  
28 in. .... \$0.15 \$0.55 \$3.50 48 in. .... \$0.20 1.00 \$7.50  
36 in. .... .15 .70 5.00 60 in. .... .25 1.35 10.00

**Match Sticks or Hyacinth Stakes.**  
12 in., painted green... \$0.30 100  
18 in., painted green... .40 2.75

**Round.** Painted green. Clear pine wood.  
Each Doz. 100  
1½ ft. .... \$0.03 \$0.25 \$1.35 3½ ft. .... \$0.10 \$0.90 \$6.50  
2 ft. .... .05 .40 2.55 4 ft. .... .12 1.25 8.00  
2½ ft. .... .06 .60 3.85 5 ft. .... .14 1.40 9.35  
3 ft. .... .08 .80 5.20

**Square.** Painted green. Clear pine wood.  
Each Doz. 100  
1½ ft. .... \$0.03 \$0.25 \$1.50 3½ ft. .... \$0.10 \$1.00 \$7.00  
2 ft. .... .05 .40 2.25 4 ft. .... .12 1.25 8.50  
2½ ft. .... .06 .60 3.50 5 ft. .... .15 1.60 12.00  
3 ft. .... .08 .85 6.00 6 ft. .... .20 2.00 14.00

**Square Green Dahlia Stakes.** Extra heavy black tip.  
Each Doz. 100  
4 ft. .... \$0.18 \$1.75 \$13.00 6 ft. .... \$0.28 \$2.75 \$20.00  
5 ft. .... .25 2.50 18.00

**Wire Stakes for Roses.**  
Doz. 100  
3 ft. .... \$0.40 \$2.25 4½ ft. .... \$0.60 \$3.50  
3½ ft. .... .50 2.50 5 ft. .... .60 3.75  
4 ft. .... .55 3.20 6 ft. .... .65 4.25

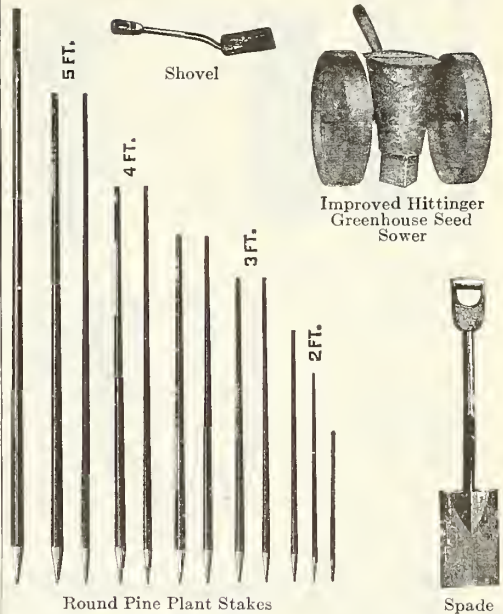
**STAKE FASTENERS.**

**Eureka.**... 100 \$0.50 \$2.50  
**Everlasting.**... 100 .65 4.50

**SYRINGES.** Brass. See page 171.

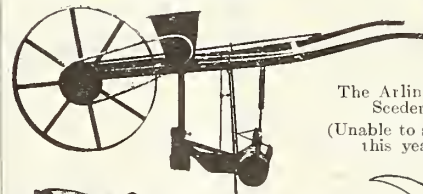
**TAPE LINES.** 100 ft. Each... \$2.50 to 5.00

**TARRED LATHYARN.** For making mats or tying shrubs. By the coil of 50 or 100 lbs., 33c., per lb.; per lb. .... .35

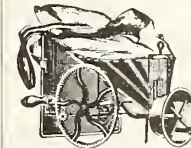


Round Pine Plant Stakes

Spade



The Arlington Seeder  
(Unable to supply this year)



Cahoon Seed Sower



Adjustable Grass Hook



Sprayer showing Auto Pop Nozzle



Silkline or Smilax Thread

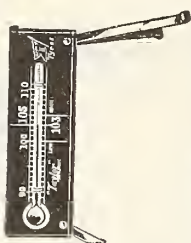


Rubber Sprinkler

See page 170



Wilder Hotbed  
and Japanned Tin  
Thermometers



Incubator  
Thermometer



**SUNDRIES—Continued**

**THERMOMETERS.**

Price

<b>Brooder.</b>						<b>\$0.50</b>
<b>Fancy Wood Back.</b>	For house use, assorted shapes and finishes.					
Spirit.	8 in., each.					.60
<b>Hotbed and Mushroom.</b>	Brass scale and point.	Mercury.				2.50
<b>Incubator.</b>						.75
<b>Japanned Tin.</b>	Heavy. (Wilder's).					
Size	Each	Doz.	Size	Each	Doz.	
6 in.	\$0.45	\$4.60	10 in.			\$1.10 \$11.80
7 in.	.65	7.25	12 in.			1.30 14.50
8 in.	.75	8.65				
<b>Self-Registering.</b>	Maximum and minimum degree of heat or cold during day or night. 8 in., each.					4.00
<b>Window.</b>	Heavy metal scale, slotted to allow light around and through the tube to make reading easy. Large alternating figures. 8 in., each.					1.25

**TINFOIL FOR BOUQUETS.**

Plain.	lb. 40c.; Colored, lb.	.75
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**TOMATO TRELLISES.**

<b>Square.</b>	of seasoned hard wood, with four smooth, turned posts and rods. Doz. \$3.75, each.	.35
<b>Wood and Wire.</b>	Round, collapsible. Doz. \$3.75, each.	.35
<b>Model Extension.</b>	Made of heavy galvanized wire. Easily put away for the winter. Doz.	5.00
Each.		.50
<b>Wood.</b>	Round, with two hoops. Doz. \$2.25, each.	.25

**TORCH, ASBESTOS.** See page 171 for description. .50

**TREE GUARDS.** Made of steel galvanized wire. Upright wires fastened to horizontal wires secured by clamps.

6 ft. high, 6 in. diameter.	Each.	1.75
6 ft. high, 8 in. diameter.	Each.	2.25
6 ft. high, 10 in. diameter.	Each.	2.75

**TREE SCRAPER.** Each. 1.00

**TUBS, Plant.** See page 179.

**TRELLIS.**

All Wire. Painted green.					
Height	Width	Price	Height	Width	Price
5 ft.	12 in.	\$1.60	10 ft.	18 in.	\$4.00
6 ft.	12 in.	2.00	12 ft.	18 in.	4.50
8 ft.	18 in.	3.25			

**Arches, All Wire.** Painted green.

Height	Width	Span	Price
5 ft.	12 in.	2½ ft.	\$7.00
6 ft.	12 in.	2½ ft.	9.00

**Bow Trellis.** Rattan on wooden stick. Painted green.

No.	Size	Each	Doz.	No.	Size	Each	Doz.
No. 1	30x10 in.	\$0.70	\$7.00	No. 4	48x15 in.	\$1.40	\$14.00
No. 2	30x14 in.	1.00	10.00	No. 5	60x18 in.	1.70	17.00
No. 3	36x12 in.	1.10	11.00	No. 6	72x20 in.	2.00	20.00
No. 3½	42x14 in.	1.20	12.00				
No. 00	20 in. stick, 3½ in. wide.		.20	2.00			
No. 00	wide, 20 in. stick, 8 in. wide.		.25	2.50			
No. 0	24 in. stick, 5 in. wide.		.25	2.50			
No. 0	wide, 24 in. stick, 8 in. wide.		.40	4.00			
No. 0½	24 in. stick, 7½ in. wide.		.50	5.00			

**Fan Trellis.** Popular for roses. Painted green.

Height	Each	Doz.	Height	Each	Doz.
1½ ft.	\$0.30	\$3.00	4 ft.	\$1.50	\$15.00
2 ft.	.40	4.00	5 ft.	2.00	20.00
2½ ft.	.60	6.00	6 ft.	2.20	22.00
3 ft.	1.10	11.00	7 ft.	2.50	25.00
3½ ft.	1.20	12.00	8 ft.	3.00	30.00

**Lattice Trellis.** Green. Especially appropriate for stucco houses.

Height	Width	Each	Doz.	Height	Width	Each	Doz.
6 ft.	18 in.	\$2.40	\$24.00	10 ft.	18 in.	\$3.50	\$38.00
7 ft.	18 in.	2.70	27.00	11 ft.	18 in.	4.40	44.00
8 ft.	18 in.	3.00	30.00	12 ft.	18 in.	4.80	48.00
9 ft.	18 in.	3.40	34.00				

**Veranda Trellis.** Suitable for all climbers. Green.

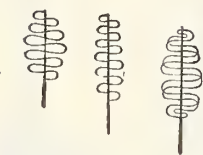
Height	Each	Doz.	Height	Each	Doz.
2 ft.	\$0.90	\$9.00	4 ft.	\$1.40	\$14.00
3 ft.	1.00	10.00	5 ft.	2.00	20.00

**Veranda Trellis.** Extra Wide.

Height	Width	Each	Doz.	Height	Width	Each	Doz.
6 ft.	28 in.	\$3.40	\$34.00	10 ft.	31 in.	\$5.60	\$56.00
8 ft.	28 in.	4.30	43.00	12 ft.	36 in.	6.00	60.00

**Cyclone "Rust-Proof" Trellis.** For vines of every variety. Whole rolls 165 ft. Used singly, or, if desired, several lengths can be laced together side by side, making any width—either up or down or across the veranda or house. May be used for arches.

Whole rolls at 1c. less per ft.		Linear ft.			Linear ft.
Single, 18 in. wide.	\$0.10		Extra strong, 18 in. wide.	\$0.17	
Single, 24 in. wide.	.12		Extra strong, 24 in. wide.	.19	
Single, 30 in. wide.	.14		Extra strong, 30 in. wide.	.21	



No. 00  
Trellis



No. 0



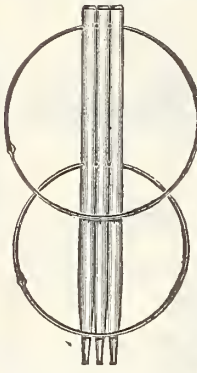
Square Tomato  
Trellis



Tree  
Scraper



Ready for Use  
Tomato Trellis of Wood and Wire

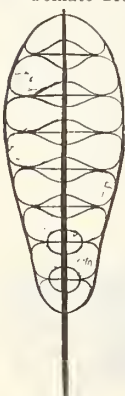


Folded for Winter  
Trellis of Wood and Wire

39  
Model Extension  
Tomato Trellis



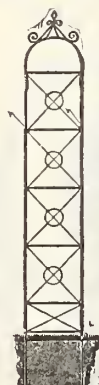
Lattice  
Trellis



Bow Trellis



Bow Trellis



All Wire  
Trellis



Combined Truck, Hand Cart, Leaf Rack, Barrel  
and Sprinkler See page 185

## SUNDRIES—Continued

**TRELLIS WIRE.** For Peas, Tomato Vines, etc. This trellis is to take the place of ordinary brush that is used in gardens; it is almost indispensable in any well kept garden. Practically indestructible and easily put up; at the end of the season it can be rolled up and stored away ready to use another year. Peas either garden or flower, are most easily picked, and tomatoes grown on these trellises are more uniform and less liable to rot. Made of the best galvanized net, 4 ft. wide, 2 in. mesh, furnished in 10 ft. lengths, with a 5½ ft. long, 2 in. diameter stake at each end and one in the center.

Per doz. lengths \$18.00, per 10 ft. lengths.....\$1.60

**TROWELS.**

**Berry.** Narrow blade, 4½ in., each.....\$55  
**English Pattern.** Handle 20 inches long, each.....\$50  
**Five-in-one Garden Tool,** each.....\$50  
**Ladies' Riveted** 6 in. Doz. \$1.50, each.....\$15  
**Ordinary Riveted.** 7 in., doz. \$2.10, each 20c.; 6 in., doz. \$1.65 each 15c.; 5 in., doz. \$1.30, each.....\$12  
**Solid Forged Steel.** A very high grade trowel. 7 in., 65c., 6 in. 60c., 5 in.....\$55  
**Solid Steel Garden.** Heavy, one piece. 6 in. doz. \$3.75, each.....\$40  
**Transplanting.** Narrow blade. Can be used as a weed digger. 7 in., doz. \$2.50, each 25c.; 6 in., doz. \$2.25, each 20c.; 5 in., doz. \$1.75, each.....\$20  
**Transplanting Hoe Trowel.** 7 in., each.....\$55

**TUBS.** See page 179.

**TWINE.**

**Green Sea Island,** per doz. balls \$2.00, 2 oz. balls.....\$20  
**Soft Jute,** 2 ply, per doz. balls \$2.75, ½ lb. balls.....\$30  
**Soft Jute,** 4 ply, per doz. balls \$2.75, ½ lb. balls.....\$30  
**Hard Strong Tying,** No. 18, per doz. balls \$3.50, ½ lb. balls.....\$35  
**Hard Strong Tying,** No. 36, per doz. balls \$3.50, ½ lb. balls.....\$35  
**White Cotton,** per doz. balls \$2.25, 3 oz. balls.....\$20  
**Marline Tarred** in 1 lb. or 2 lb. balls, per lb.....\$40  
**Lathyrn** for tying Mats, 35c., coils of 25-50 or 100 lbs.....\$33

**VASES, Fibre.** See page 180.

**WATERING POTS.**

**Common Japanned Green.** Made extra strong of thick tin, carefully braced. 10 qt. \$1.60, 8 qt. \$1.35, 6 qt. \$1.00, 4 qt.....\$85  
**Florists' Galvanized Iron.** The best florists' watering pot, made for strength, durability and neatness. Made from best quality iron; the top and back handles riveted on; and iron band at the bottom; the spout riveted, and a brace around it riveted to the body and galvanized after it is made. A coarse and fine copper-faced rose with each pot. Each.....\$4.75  
 12 qt., spout 25 in. long.....\$4.75  
 10 qt., spout 25 in. long.....\$4.35  
 8 qt., spout 23 in. long.....\$4.00  
 6 qt., spout 21 in. long.....\$3.60  
**English Pattern Japanned.** Heavy tin. Each.....\$4.75  
 3 qts.....\$2.50 8 qts.....\$4.75  
 4 qts.....\$3.50 10 qts.....\$5.00  
 6 qts.....\$4.00  
**French.** Brass handle. Made of galvanized iron; oval in shape, with brass handle and long spout; one fine and one coarse copper face rose with each. 10 qt. \$4.75, 8 qt. \$4.25, 6 qt.....\$4.00  
**Long Spouts, Japanned Green.** For house plants. Tin, 4 qt. \$1.75, 2 qt. \$1.25, 1 qt.....\$1.00

**WATERING TRUCK.** Combining Hand Cart, Leaf Rack Barrel and Sprinkler Attachment. See pages 174 and 184.

**WEEDERS.**

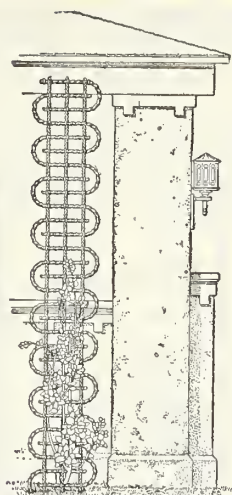
**Eureka.** 3 long steel fingers. Excellent.....\$50  
**Excelsior.** 5 fingered weeder. Mailed, each 25c., each.....\$15  
**Garden Weeding Fork.** Malleable tinned, 3 tines.....\$20  
**Hand Weeding Fork.** Extra long handle, 4 tines.....\$40  
**Hand Weeding Fork.** Good quality, 3 tines.....\$35  
**Hazeltine.** Each.....\$30  
**Lang's.** Each.....\$30  
**Magic Weeder Hoes.** Strong and durable, spring teeth. Light and easy to use.  
**Short Handle.** 3 teeth, 20c.; 4 teeth 30c.; 4 teeth, 1½ in. blade on back.....\$40  
**Long Handle.** 4 teeth, 3 in. blade on back, \$1.00 4 teeth only.....\$85  
**Mehler's Handy Gardener.** A new long-handled 5-prong cultivator and weeder. Saves stooping.....\$1.10  
**Noyes.** Diamond shape.....\$25  
**Unique Garden Tool**.....\$50  
**Weed Puller, Cleveland.** See pages 174 and 175.

**WHEEL BARROWS.** Best quality. Painted light color bodies and red wheels, striped and varnished.

No. 5, \$7.00; No. 4, \$6.75; No. 3.....\$6.50

**WIRE.**

**Bright Annealed Tying.** Nos. 18, 19 and 20, per stone.....\$1.50  
**Galvanized.** No. 18, \$1.85 per stone; No. 20.....\$2.00  
**Bouquet.** Bright. Cut in lengths of 9 and 12 inches, in boxes of 12 lbs. (one stone) each. No. 22, \$2.00; No. 23, \$2.25; No. 24 \$2.50



Cyclone Single Trellis



Fan Trellis



All Wire Arch



Magic Weeder

7 in.  
Transplanting  
Hoe Trowel

Solid Forged Steel Trowel



Ordinary Trowel



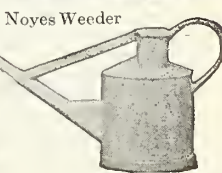
Ladies' Transplanting Trowel

Transplanting  
TrowelFrench  
Watering  
Pot

Noyes Weeder

Excelsior  
Weeder

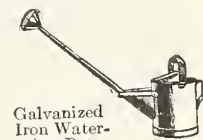
Garden Weeding Fork

English Pattern  
Watering Pot

Hand Weeding Fork, Extra Long Handle



Hazeltine Weeder

Galvanized  
Iron Water-  
ing Pot

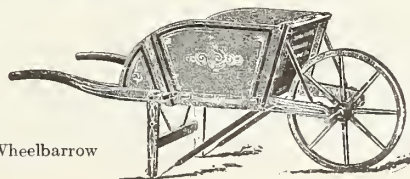
Lang's Weeder



Eureka Weeder



Wheelbarrow



# POULTRY SUPPLIES AND FEEDS

## F. F. R. Co.'s Poultry Feed

If you have never used any of our Poultry Feeds we wish to call your special attention to their high quality, which means more to you than cheap prices. Our reputation for Seeds, Bulbs and Plants will stand equally high for our Poultry Supplies. While the prices of grains fluctuate, we do not bind ourselves to prices herein quoted. Apply to us and we will be pleased to quote prices. We will credit all bags returned in good condition.



Owing to the increased advance in the price of grains, and the continual fluctuations of the market, we have omitted to print prices in this issue of catalogue. Prices quoted on application.

**Quality Mash Feed** Protein, not less than 20 per cent.; fat, not less than 4 per cent.; fiber, not more than 10 per cent. Ingredients: Corn meal, wheat bran, ground oats, wheat middlings, alfalfa meal, beef scraps, gluten, charcoal, oil meal. This mixture has stood the test for over six years without a change of formula. It is blended from only the best of grains.

**Quality Chick Feed** Composed largely of cracked wheat and oats. A very small proportion of corn is used, as we believe too much Corn is a detriment to a young chicken's development. It contains not an ounce of anything but pure grains.

**Quality Intermediate Chick Feed** Same as the chick feed only not ground quite as fine. 5 lbs. 20c.

**Beef Scraps** We consider ground beef scraps almost indispensable for making hens lay during the Winter. Feed at least three times per week one ounce for each fowl, mixed with the daily mash.

**Green's First Feed for Baby Chicks** Is just the feed needed to give the chicks the right start. It is the ideal chick starter, as it has all the right elements carefully proportioned and prepared for best results in baby chick feeding. Can be used for the first three weeks, which is the most important time of feeding.

**Pratts Baby Chick Food** It's made just for us and is not expensive—a cent's worth will feed me three weeks. We like it because it keeps us strong and healthy. No danger of white diarrhoea, leg weakness and other ills.



**Conkey's**  
**Buttermilk**  
**STARTING FOOD**



With a bag of Conkey's Buttermilk Starting Food on hand you are always sure that you have enough good buttermilk ready for your chicks. It contains pure buttermilk, reduced to dry powdered form, with its valuable lactic acid that helps the delicate digestive organs of the little chick. Mixed with it is a combination of clean wholesome grains, a ration balanced just right for baby chicks. It is the ideal baby chick food from every standpoint—the only baby chick food with buttermilk in it because Conkey controls the patent for extracting the great mass of water from the original buttermilk. You pay for the actual buttermilk only, not for waste water.

**Quality Scratch Feed** Contains various cracked grains so blended as to give the fowl the right proportion of each grain to produce the condition that will give the user the eggs. This mixture contains but a small amount of Corn.

**Quality Growing Feed** Blended from the developing grains and ground into a mash. Protein, 12 to 14.50 per cent.; fat, 3.50 to 4.50 per cent.; fiber, not over 9 per cent. Ingredients: Ground corn, ground barley, cotton seed, wheat mixed feed, rye shorts. We know from experience that it will start your pullets laying from 4 to 6 weeks earlier than so-called forcing foods.

**Quality Pigeon Feed** Our peas in this mixture are grown especially for us and are small and plump. As are our other mixtures, it is blended for development and growth.

**Alfalfa Clover Meal** The clover stock, leaf and blossom are all ground together so that the fowl gets all the substance of the matter entering into this carefully balanced food product. It comes nearest to nature of any grain and vegetable mixture.

**SPRATT'S CHICGRAIN.** Is a perfectly balanced insect and vegetable ration; easily digested and highly nutritious. It is a compound of grains, meat, milk, etc.; the original formula has been used and improved upon for more than twenty years.

Price, 5 lbs. 35c.  
10 lbs. 90c., 25 lbs. \$1.70, 50 lbs. \$3.15, 100 lbs. \$5.90.

**SPRATT'S PATENT CHICK MEAL NO. 5 and CHICK MEAL NO. 12.** This is a substitution for insect life. In addition to its other advantages, and thereby reduces mortality to a minimum, saving ten times its cost and frequently the cream of the flock. 10 lbs. \$1.25, 25 lbs. \$2.45, 50 lbs. \$4.65, 100 lbs. \$9.00.

**SPRATT'S PATENT PHEASANT MEAL NO. 5.** For young pheasants. Price, 5 lbs. 50c., 10 lbs. \$1.25, 25 lbs. \$2.45, 50 lbs. \$4.65, 100 lbs. \$9.00.

**SPRATT'S PATENT PHEASANT FOOD NO. 3.** For adult birds.

10 lbs. \$1.25, 25 lbs. \$2.45, 50 lbs. \$4.65, 100 lbs. \$9.00.

**SPRATT'S POULTRY FOOD NO. 3.** A cooked food. The best and cheapest on the market. Is prepared strictly according to modern scientific methods and is the result of exhaustive experiments. It is neither a medicine nor a condiment, but a well-balanced ration, specially prepared to produce eggs. It doubles the egg production, improves the quality and flavor of the egg, enriches the color of the yolk, increases the number of fertile eggs, and strengthens the ger.

10 lbs. \$1.25, 25 lbs. \$2.45, 50 lbs. \$4.65, 100 lbs. \$9.00.

**PARROT AND CANARY FEED.** We make a specialty of Parrot and Canary feeds, which are fixed by us from direct imported seeds.

**Parrot Seed:** Lb. 12c., 3 lbs. 35c., 8 lbs. 85c.  
**Canary Seed:** 1 lb. 30c., 3 lbs. 85c.  
**Canary Seed Mixed:** 1 lb. 25c., 3 lbs. 70c.

**OYSTER SHELLS.** We handle the Baltimore shells reclaimed. They contain no dust.

8 lbs. 15c., 25 lbs. 35c., 50 lbs. 50c., 100 lbs. \$1.00.

**LEE'S EGG MAKER.** The perfect substitute for all other forms of meat food. Contains more digestible protein, costs less, and goes further than beef scraps, bone, or any other meat food. Used by big breeders everywhere. Equally valuable as a Winter food for hens, for all penned-up poultry, and as growing food for chicks.

2½-lb. pkg. 35c., 5½-lb. pkg. 75c., 25 lbs. \$3.50.

**LEE'S INSECT POWDER.** Is thoroughly efficient for any purpose for which an insect powder is desired. Especially recommended for use on setting hens, or by those who have only a few fowls and prefer to treat them in this way. 1¼ lbs. 25c., 3 lbs. 50c.

**LEE'S LICE KILLER.** The original liquid lice killer with many imitators but no equal. Guaranteed better than any other. Strongest and best. Kills both by vapor and contact all vermin, whether on the walls of the poultry house or on the body of the fowls. Also a powerful disinfectant. Disease germs cannot live where Lee's Lice Killer is used regularly.

Sizes: Gallons \$1.25, half-gallons 75c., quarts 50c.

**SPRAYERS FOR USING LIQUID LICE KILLER.**

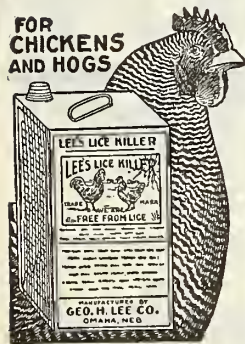
Excellent sprayer made of tin, especially strong and durable. We recommend this especially in using Lee's Lice Killer.

Price, 50c.

**PRATTS POULTRY REGULATOR.** A true tonic for all poultry. Tones up the egg organs. Puts poultry into condition for laying. That's why they do lay. Thus, Winter with its high prices, becomes the most profitable season of the whole year. You should also use it to give speedy, sound recovery from the moult, and to develop pullets.

Pkgs. 30c. and 60c., Pails \$1.75 and \$3.00.

FOR  
CHICKENS  
AND HOGS



**DR. HESS'S POULTRY  
PAN-A-CEA.** 1½-lb. pkg.  
30c., 5-lb. pkg. 75c., 12-lb.  
pkg. \$1.50, 25-lb. pail \$3.00.

**HESS'S LOUSE KILLING  
POWDER.** 1-lb. pkg. 25c.,  
30-lb. pkg. 60c.



**LEE'S GERMOZONE.** A tonic; a bowel regulator; a system builder. The best preventive and cure for Roup, Cholera, Bowel Complaint, and most other poultry diseases. In more general use today than any other poultry medicine ever manufactured. Given twice a week in the drinking water to all fowls, it keeps them in prime condition. No poultryman should ever be without Germozone. 4 oz. 40c., 12 oz. 75c., 32 oz. \$1.50.

**TOBACCO DUST.** For dusting nests.....Price, 100 lbs. \$3.00.

**TOBACCO STEMS**.....Price per bale of about 100 lbs. \$1.50, 50 lbs. 80c.

**LAMBERT'S DEATH TO LICE.** A reliable and effective lice powder for poultry.  
5 oz. 10c., 15 oz. 30c., 48 oz. 60c., 100 oz. \$1.20.

**CONKEY'S ROUP CURE**.....5 oz. 10c., 15 oz. 30c., 48 oz. 60c., 100 oz. \$1.20.

**Pratts Poultry Regulator**.....Pkgs. 30c., 60c., 12 lb. pails \$1.75, 25-lb. pails \$3.00.

**Pratts Roup Remedy (tablets or powder)**.....25c. and 50c.

**Pratts Powdered Lice Killer**.....25c. and 50c.

**Pratts Poultry Disinfectant and Liquid Lice Killer**....Qt. 50c., ½-gal. 75c., gal. \$2.50.

**Pratts White Diarrhoea Remedy**.....25c. and 50c.

**Pratts Chicken Cholera Remedy**.....25c. and 50c.

**Pratts Sore-Head Chicken-Pox Remedy**.....25c. and 50c.

**Pratts Condition Tablets**.....25c. and 50c.

**Pratts Bronchitis Remedy**.....25c. and 50c.

**Pratts Scaly Leg Remedy**.....25c.

**Pratts Gape Remedy**.....25c. and 50c.

**RAT CORN.** Kills rats and mice. No odor or smell. It mummifies them. No matter where they die, they simply dry up; positively do not smell. Rat Corn is a new and scientific discovery, and without a doubt the greatest rat destroyer in the world. The only one that kills rats without any dangerous or disagreeable effects. A trial will convince you.

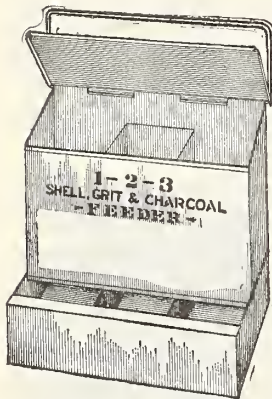
Three sizes, pkgs. 25c., 50c., \$1.00.

**CARTER'S SANITARY GREEN**

**FOOD FEEDERS.** A steady diet of grain alone when hens are confined in pens or small yards is not satisfactory. They require some green food regularly. Every experienced poultryman knows this but the old method of feeding cabbages, beets, clover, etc. has been so wasteful and unsatisfactory that green food has been more or less neglected. It meets the needs of every poultryman. Made of strong, soft, fish-net twine. It lasts for years. Carter's Feeder keeps vegetables clean and high enough off the floor so the fowls get exercise while they eat.  
Price, 35c each. 3 for \$1.00.



# FEEDERS AND HOPPERS



**SHELL AND GRIT BOX.** For poultry and pigeons. Made of galvanized iron with hinged covers. No. 1 size, 3 compartments, about 2 qts. to each compartment. Each 75c. No. 2 size, 2 compartments, about 4 qts. to each compartment, each 90c.

**1-2-3 POULTRY FEEDER.** For dry mash, scraps, shells, grit, charcoal, or any poultry feed. When used for one kind of feed only, take out separator; for two kinds put separator in one end; when used or three kinds, say scraps, shells and grit, put separator in the middle and you have three separate feeders.

Price, small 75c., large \$1.15.

**SEXTON'S DRY FEEDER.** Made of galvanized iron with swinging grid automatically holding in place until all is consumed; easily filled and rat proof.

No. 5 double size \$1.25; hen size, \$2.25.

**FEED PAN.** It is so constructed that the food cannot be wasted, the saving thus effected will alone pay the price of the pan in a short time. Chick size, 12 in. long, 1½ in. deep, 4 in. wide, price 50c. Half-grown chicks or pigeons, 18 in. long, 2 in. deep, 4½ in. wide, price 75c. Full-grown fowl, 24 in. long, 3 in. deep, 6 in. wide, price \$1.00.

**FAVORITE DRY-MASH HOPPER.** The wire grid is raised or lowered as required for coarse or fine mash. The most distinctive feature about this Favorite Dry-Mash Hopper is the fact that it is an inch wider at the lower side than at the top, thus making it utterly impossible for the food to clog. 12 in., 12 qt. size, \$1.25.

**NORWICH AUTOMATIC EXERCISER AND FEEDER.** Mounted on adjustable iron legs, the Feeder may be placed anywhere in the house, yard, pen, or on free range, and is operated alike by baby chicks fresh from the incubator or the adult fowl.

No. 1—8 Quart Hopper, 13 lbs. .... \$3.00

No. 2—14 Quart Hopper, 15 lbs. .... \$3.90

No. 3—20 Quart Hopper, 20 lbs. .... \$4.90

No. 4—32 Quart Hopper, 27 lbs. .... \$6.00

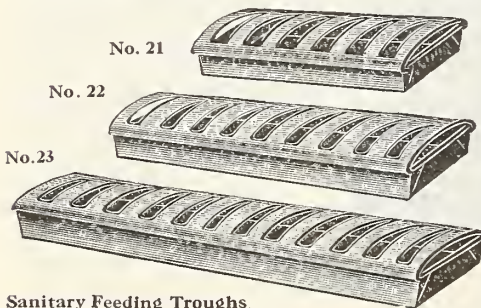
## ROUND BABY CHICK FEEDER.

Pure food for the baby chicks. A great feed saver, as the little chicks

cannot get into it and contaminate the feed. Cannot be upset. Can also be used for water or milk. This is a practical, well-made feeding device that will last for years. Manufactured in two sizes.

No. 11—6 in. in diameter, 8 feeding holes, each 20c.

No. 12—8¼ in. in diameter, 12 feeding holes, each 35c.



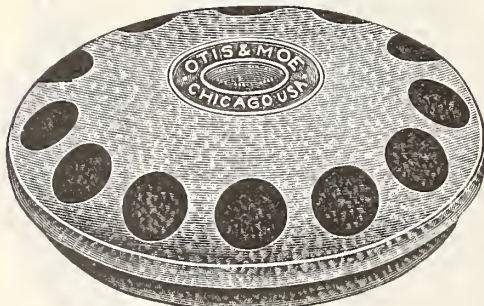
Sanitary Feeding Troughs,

**SANITARY FEEDING TROUGHS.** Can be used for feed, wet mash or water. Barrel top prevents wasting of feed and if used for water does away with the little chicks drowning. The feed saved by using this trough will more than pay for itself in a few weeks. Made of the best grade of galvanized iron in three sizes, namely:

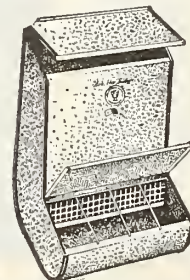
No. 21—12 in. long, packed 12 in., shipping weight, 12 lbs., each 50c.

No. 22—18 in. long, packed 6 in., shipping weight, 10 lbs., each 75c.

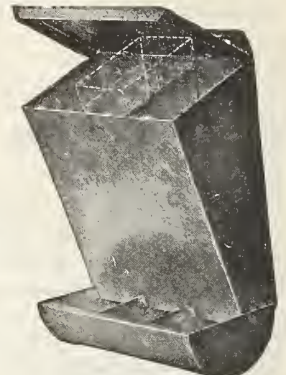
No. 23—24 in. long, packed 6 in., shipping weight 13½ lbs., each \$1.00.



Round Baby Chick Feeder



Favorite Dry-Mash Hopper



Shell and Grit Box

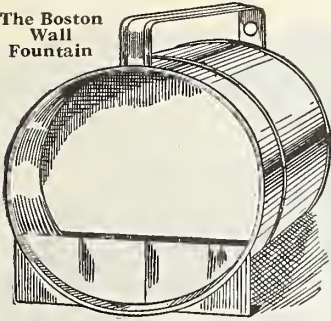


Closed



Sexton's Dry Feed Hopper

Open

The Boston  
Wall  
Fountain

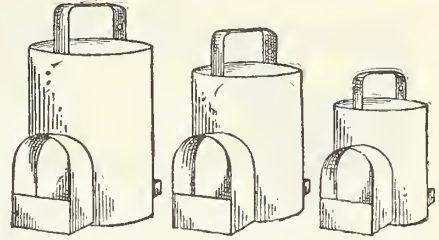
## DRINKING FOUNTAINS

### POULTRY WALL FOUNTAINS

Made of galvanized iron and warranted tight. These fountains have a flat strap on back to prevent them from tipping when hung up.

½ gal. 60c., 1 gal. 70c., 2 gals. 90c.

**SANITARY STONE DRINKING FOUNTS.** Easily kept clean; chicks cannot tip them over.  
1 qt. 30c., 2 qts. 40c., 4 qts. 50c.



Wall Fountains

**STAR JAR FOUNTAIN.** Will fit pint, quart or half-gallon Mason jar. Made of one-piece, non-rusting metal. Provides greater drinking surface than the round fountain. Used for feed as well as water. 2 for 25c.

**THE DUPLEX.** The latest and most practical sanitary fountain on the market. This is a double fount; keeps the water clean and pure. Easy to fill, easy to care for. Made in two sizes, 4 and 8 qts. Try a Duplex.

4 qts. 85c., 8 qts. \$1.15.

**BOTTOM-FILL FOUNTAIN.** Made in two pieces. Easily cleaned and owing to its shape it will not burst from freezing. This fountain fills the breeder's needs for an inexpensive fountain. Made of the best grade of galvanized iron in three sizes.

1 qt. 35c., 2 qts. 45c., 4 qts. 90c.

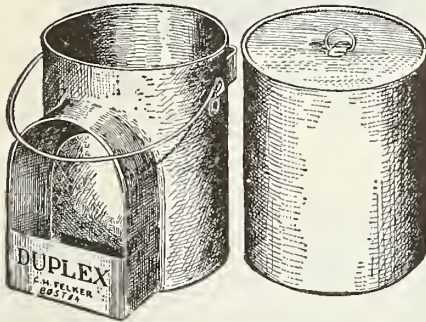
**EASY ACCESS FOUNTAIN.** Made in two sections, thereby making it easy to clean. The hood prevents the water from becoming fouled. It can be hung against walls or from beams. 2 qts. 70c., 4 qts. 95c., 8 qts. \$1.25

**THE PEERLESS.** The water is always pure. It is protected from dirt and filth. Easy to clean and fill and fowl cannot injure their combs when drinking. Simple in construction, durable and practical. It is adjustable. If it becomes too loose or too tight, spring the sides of the fountain in or out as it may require, until the bottom is a perfect fit.

5 qt. 75c., 10 qts. \$1.00.

**THE BOSTON WALL FOUNTAIN** is one of the best fountains made; will keep your birds supplied with clean water with very little trouble. Made of galvanized iron, double seamed, the favorite with the trade. 1 qt. 40c., 2 qts. 60c., 4 qts. 70c., 8 qts. \$1.00.

**THE NORWICH AUTOMATIC AIR-LOCK FOUNTAIN.** The device is worked by atmospheric pressure as against the weight of water, and is absolutely perfect in its action and may be relied upon to fill its functions as truly as any condition of nature. Complete with lamp attachment to prevent freezing. 5 gal. size. \$6.00.



Duplex Fountain



## SUNDRIES

**TOP-FILL FOUNTAIN.** Fill in the morning and your chickens have an all day's supply of pure water at just the right temperature.

The double wall keeps water cool in summer and retards freezing in winter. No valves to get out of order. Thoroughly sanitary and as easily cleaned as an ordinary pail. Does away with slopping over when being filled. Can be hung up out of the litter and the square pan prevents spilling at that time. The square pan also affords drinking facilities for two pens at the same time.  
1 gal. \$1.50, 2 gals. \$2.00, 4 gals. \$2.75.



**WIRE HEN'S NESTS.** These nests are made of heavy steel wire and are lice and vermin proof.

Each 20c., doz. \$2.00.

**PIGEON NESTS.** Made of earthenware. Each 15c.

**KNOX MEDICATED NEST EGGS.** A combination of nest egg and lice killer; retains its power until fully evaporated. They keep the nest clean and sweet. These eggs are of a chemical preparation, an exact duplicate of the real egg. Will keep vermin from the nests and lice off laying hens. Each 5c., doz. 60c.

**PORCELAIN EGGS.** These eggs are of best flint glass. White. Each 3c., doz. 30c.

**EGG TESTER.** The Mandy Lee is made so as to get the greatest possible value of the light. Each 30c.

**LEG BAND.** Made of aluminum in sizes to fit any breed of birds. Quite a necessary article if the birds are to be kept from mixing up. Doz. 15c., 100 75c.

**FRENCH KILLING KNIVES.** Made of finely tempered steel, with nicked handle. Each 75c.

**PETTY POULTRY PUNCHER.** One of the most satisfactory punchers used. Each 25c.

**PHILADELPHIA POULTRY MARKER.** Made in two sizes. One for chicks, one for fowl. Each 25c.

**CLOVER CUTTER, STEARNS.** Designed for small poultry growers, 14½ in. long, 5 in. wide. Works perfectly. Each \$3.50.



**CELLULOID LEG BAND.** All the different colors. Celluloid Leg Bands are easily applied; are by far the best band used for designating old from young fowl, as the different colors can be seen from a distance.  
Doz. 15c., 100 75c.

**Pigeon and Baby.**

Poultry Size	Chick Size
12 bands... \$0.15	\$0.10
25 bands... .30	.20
50 bands... .50	.35
100 bands... .75	.50
500 bands... 3.60	2.25
1000 bands... 7.00	4.00

**THE EYRIE SHIPPING COOP.** The best shipping coop on the market, made of extra heavy, corrugated fiber board, top and bottom of strongly constructed wood. Price: B, 12x18x22, each 70c., doz. \$7.50; C, 12x22x22, each 80c., doz. \$7.95; D, 20x22x22, each 95c., doz. \$10.90; E, 20x24x22, each \$1.00; doz. \$11.85.

**EG BOX, ANDE SON.** Made of corrugated paper, with double faced, corrugated paper partitions protecting each individual egg, folded flat in shipment. Price: No. 3, 1 setting, doz. \$2.00; No. 4, 2 settings, doz. \$2.75; No. 5, 50-egg, doz. \$3.95; No. 6, 100-egg, doz. \$6.50.

**PARCEL POST EGG BOX.** Our Parcel Post Egg Box is a double corrugated box, unique in construction, and insures safe arrival of eggs regardless of distance.

12-egg size, doz. \$1.60; 24-egg size, doz. \$2.10; 3 doz. size, doz. \$2.65; 4 doz. size, doz. \$3.50; 5 doz. size, doz. \$4.00.

**THERMOMETERS FOR BROODERS.**

**THERMOMETERS FOR INCUBATORS.**

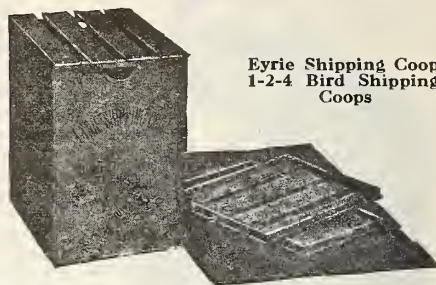
Each 50c.

Price 50c. and 75c.

**PHILADELPHIA CAPONIZING SETS.** Increase your profits by caponizing the surplus birds. Prices from \$2.50 to \$7.50 per set.

**WATERPROOF SHEETING FOR POULTRY HOUSE.** Better than windows and far healthier for your fowls.

Brown, per yd. 25c., white per yd. 30c.



**Eyrie Shipping Coop  
1-2-4 Bird Shipping  
Coops**

**LIVE CHICK BOX.** Made of corrugated paper throughout. It is lighter and much more convenient than the wooden boxes, and in some instances the amount saved on the express charges alone will pay for the box. It is shipped to you folded flat, very easily set up.

Price: 25-chick size, 12 in. x 6 in. x 5 in., doz. \$2.25

50-chick size, 12 in. x 12 in. x 5 in., doz. \$2.65

100-chick size, 24 in. x 12 in. x 5 in., doz. \$4.00

**Live Chicken  
Box**



## Eggs for Hatching

We contract each year with reliable breeders who have pens that are mated with careful attention to fertility of eggs. We carry eggs in our store during the month of April; other months we sell direct from the pens after receiving the order. Shipments are carefully inspected, packed and forwarded by express. While we take the greatest care and look to the purity of the stock, fresh eggs, careful packing, etc., there are so many risks involved, we cannot, at this price, give any guarantee whatever regarding results.

	Settings of 13
Rhode Island Red.....	\$1.50 and up
White yandotte.....	1.50 and up
Barred Plymouth Rock.....	1.50 and up
White Plymouth Rock.....	1.50 and up
White Leghorn.....	1.50 and up
Brown Leghorn.....	1.50 and up
Light Brahma.....	2.00 and up
Black Minorca.....	1.50 and up
White Orpington.....	2.50 and up
Buff Orpington.....	2.50 and up
Black Orpington.....	2.50 and up
White Pekin Duck.....	1.50 and up
Indian Runner Duck.....	2.00 and up

These prices are subject to change without notice.

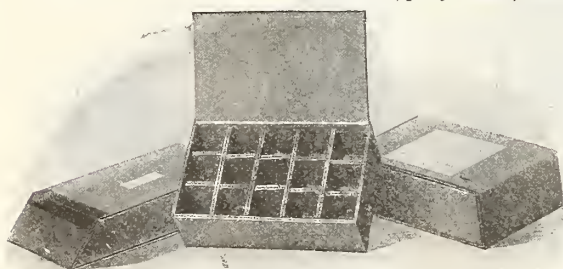
**MEHLER DROPPING BOARD  
SCRAPER.** The handiest tool for all poultry keepers. Each \$1.10.

## Wire Fence

Our Hexagon Wire Fences are dipped in galvanized fluid after weaving, so do not rust easily. We can deliver at your station is shipped from the factory; otherwise, if shipped from Boston, prices f. o. b. Boston in lots of less than 200 lbs. 200 lbs. or over we deliver at your freight station.

Prices on application.

**Dropping Board Scraper**



**Anderson's Egg Box**



# CARBOLA

**Disinfects and Paints at the Same Time—  
Saving Labor, Money and Time**

Carbola is two things in one—a paint and a disinfectant. It is not a whitewash or a kalsomine. It is a finely-powdered mineral pigment, the same as used by many paint makers, combined with a germicide 20 times stronger than pure carbolic acid—but neither poisonous nor caustic. Carbola dries out a clear snow white—not dark or colorless—so there is no chance of missing any part of the surface under treatment. It stays white and it has no disagreeable odor. *Carbola* paints and disinfects at one operation, with the same labor and in the same time required to whitewash or disinfect only.

1 lb. 25c., 10 lbs. \$1.00, 50 lbs. \$4.00

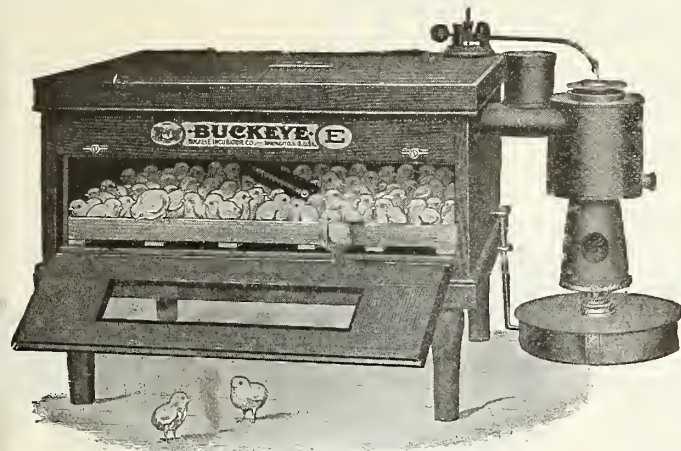
## INCUBATORS

## BUCKEYE

"The  
Best Incubator Made"

The name "Buckeye" represents "service"—and when we talk to you about Buckeye Incubators, we do not refer to the wood and metal of which the machine is constructed, but to the "service" we guarantee the incubator to give.

Over four hundred thousand (400,000) satisfied users represent the proof that we offer in support of Buckeye superiority—little breeders, big breeders, beginners, experts—breeders that include every class from boys and girls with a little 60-egg machine—up to the tremendous poultry plants with capacities of 50,000 eggs and more—all uniting in the same verdict.



Style E. Price \$12.00

The agricultural colleges and experimental stations throughout the United States are almost a solid unit in their selection of the Buckeye—which fact in itself is the highest tribute that could possibly be paid to any agricultural device. The men in charge of such institutions are invariably selected because of their wide experience and expert knowledge—and their opinions count for something.

It is no longer considered a feat to build an incubator that will hatch "some" chickens from "some" of the eggs placed in it, (there are many such incubators on the market), but the truly successful incubator is the machine that will hatch a chicken from every hatchable egg—the vigorous kind of chicks that start to grow the moment they are hatched, and continue to grow without forcing or doctoring.

*That's the kind of hatches the Buckeye produces.*



Buckeye No. 3

Price \$39.50

## GUARANTEE

The Buckeye is guaranteed to hatch more chicks and stronger chicks than any other incubator.

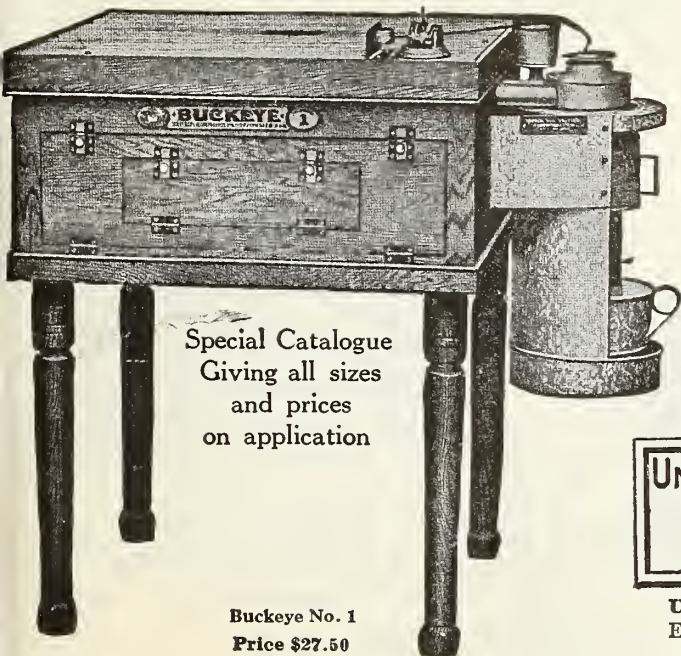
It is further guaranteed:

To require no artificial moisture. To operate satisfactorily in any temperature down to freezing, and to require no attention to the regulator from the time a hatch is started until it is finished.

The perfect construction of all its mechanical parts is also guaranteed, and any Incubator or part thereof that does not fulfill our guarantee in every particular, will be replaced without question any time within 40 days.

(Signed) THE BUCKEYE INCUBATOR CO.

Special catalogue on application.



Special Catalogue  
Giving all sizes  
and prices  
on application

Buckeye No. 1  
Price \$27.50

Style E, 60-egg.....	\$12.00
Style H, 60-egg.....	16.50
No. 1, Standard, 110 eggs.....	27.50
No. 2, Standard, 175 eggs.....	32.50
No. 3, Standard, 250 eggs.....	42.50
No. 4, Standard, 350 eggs.....	52.50
No. 5, Standard, 600 eggs.....	75.00

UNDERWRITERS' LABORATORIES, INC.

INSPECTED INCUBATOR

№ 27957

UNDERWRITER'S LABEL OF APPROVAL  
Every BUCKEYE "STANDARD" INCUBATOR bears this label.

# BROODERS

## The Standard

The Standard Brooder has actually revolutionized the whole poultry industry by helping the breeders to raise a much larger percentage of their young stock, with just about one-fourth of the labor.

Regardless of what they cost, there is no other brooder that compares with the Standard—that is the verdict of breeders who have tried them all.

Some brooders cost twice as much as the Standard because of their heavy complicated design—but their additional weight and complicated appliances only make them less desirable.

It is the very simplicity of the "Standard" that makes it the best brooder on earth. With only a few simple parts the Standard accomplishes with never-failing certainty those things in which the more complicated devices fail.

*Absolute Comfort for the Chicks.*—It is a well-established fact that every chick is not entirely comfortable in the same temperature—some require a little more heat, while others require less. Under the conditions provided by the Standard Colony Brooder, every chick can seek the precise temperature that suits it best. If it needs plenty of warmth it moves closer to the stove, and if it requires less heat it moves farther away from the stove. Thus we provide the ideal temperature for each and every chick! They follow the natural inclinations of nature—and nature seldom goes wrong.

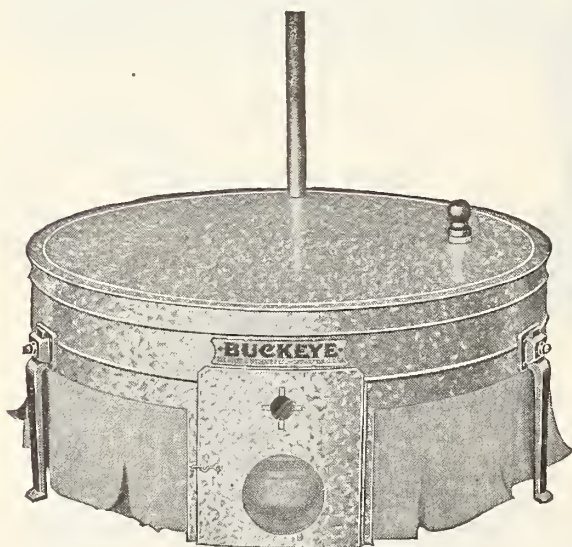
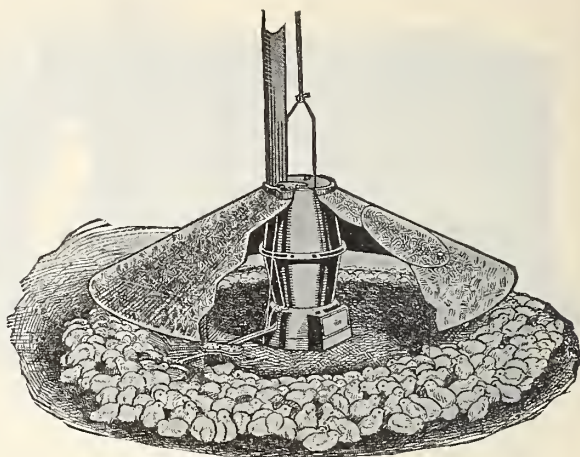
The regulator supplied with the Standard Colony Brooder is the simplest, the most powerful and the most positive device ever used on a Colony Brooder. It not only controls the temperature under the hover, but at the same time it insures a continuous fire in the stove, regardless of the weather. Hot or cold, the fire is always there so long as there is a pound of coal in the stove to burn. This is an exclusive "Standard" feature and is only made possible by the ingenious mechanism which regulates the burning of the coal without closing the smoke pipe. This feature cannot be found in any other coal-burning stove but the Standard.

*It is economical,* as it burns but three to six cents' worth of coal in a day. In ordinary cool weather it cannot burn more than three cents' worth of coal, and with the weather below freezing, it cannot burn more than six cents' worth of coal in a day.

This economic condition is made possible by the special design of the stove, which provides a higher radiating power from every pound of coal than can possibly be obtained with a stove of any other design. This is an exclusive "Standard" feature.

*Convenience.*—It is not necessary to disturb the hover in order to coal the fire or shake down the ashes. The coal is poured in the top of the stove, and the ashes are shaken down and removed through the convenient door in the hover. The hover is not permanently attached to the stove, however, and is easily raised to a convenient height for cleaning, etc.

The Standard Colony Brooder is the greatest brooding device ever invented, and we are willing to prove it by permitting you to



## Try It For 30 Days at Our Risk

and if you are not satisfied that it is the greatest brooder you ever saw, you can return it and your money will be refunded without a question asked.

**PRICE, equipped for coal or gas, made in two sizes, No. 18, \$19.00; No. 19, \$23.50.**

## "BUCKEYE" PORTABLE BROODER They Hover at the Curtain

That's why the chicks never crowd. The reflected radiation from the lamp—together with the direct radiation from the canopy overhead—produces those same ideal conditions that we find in the "Standard" coal burner. The chicks hover in circles—around the outside edges—and each individual chick selects the spot that is best suited to his comfort. Being warmest at the curtain there is no incentive for the chicks to seek the center, and, consequently, there is no inclination to "crowd" or "pile."

60 chick size, \$8.50; 100 chick size, \$10.50; 150 chick size \$13.50.

# THE STANDARD COLONY BROODER

Makes Three Chickens Grow where One Grew Before.

Cuts the Cost of Equipment to Less Than Half.

Cuts the Cost of Operation to Less Than Half.

Reduces the Time and Labor to Less Than a Fourth.

Guaranteed to Raise More Chicks and Better Chicks.

The Simplest, Safest and most Economical Brooder Ever Invented.

Nothing to Break. Nothing to Wear Out.

**Broods 100 to 1000 Chicks**

**Costs \$23.50**

**500 Chick Size \$19.00**

## GUARANTEE

The Standard Colony Brooder is GUARANTEED to be exactly as represented and to do everything we claim for it.

The Standard Colony Brooder is GUARANTEED to do everything that any brooder on the market will do—and do it better—no matter what the other brooder costs.

That's a pretty broad guarantee, but we mean every word of it.

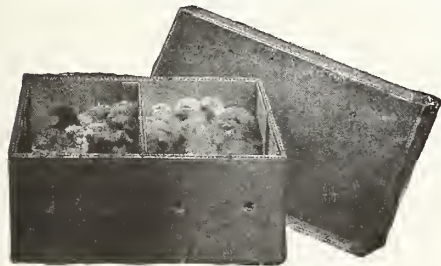
The Standard Colony Brooder is the greatest brooding device ever invented and we are willing to prove it by permitting you to

## Try It For 30 Days at Our Risk

and if you are not entirely satisfied that it is the greatest brooder you ever saw, you can return it and your money will be refunded without a question asked.

## OUR BABY CHICK DEPARTMENT

Each year we sell thousands of Baby Chickens, and experience has taught us that comparison of prices should not be a deciding factor when purchasing Baby Chickens. Weak, poorly hatched chicks are costly at any price. From year to year we have used the greatest care in selecting our Breeders, and we have already contracted with the best known producers of all breeds for thousands of each variety for the season of 1919.



Chickens ready for shipment

Do not give Baby Chickens cold water to drink; don't overfeed. Either will start bowel troubles. Keep their backs warm and feed liberally so long as they keep active. We find the Conkey Buttermilk Starting Food one of the best feeds for young chicks, fed for the first three weeks, then used with our Quality Chick Scratch Feed, and makes sure of the best results.

We ship all chicks and eggs in a first-class condition and take a receipt for the same. Owing to transportation conditions we cannot guarantee a special time of delivery. Do not sign a receipt for damaged goods unless receipt is so marked by Agent of Express Company. Otherwise no claims for damages allowed.



**FARRAR BROS., Assinippi, Mass.**—We have been large growers of chickens for the past 27 years, and have used all the known makes of Brooders, but we can truthfully say that the Standard Colony Brooder has them all beat.

# Fottler, Fiske, Rawson Co.

THE SEED STORE

**12 and 13 FANEUIL HALL SQUARE  
BOSTON, MASS.**

CROSEY'S  
IMPROVED  
EGYPTIAN BEET



WARDWELL'S  
KIDNEY  
WAX BEAN



SWISS  
CHARD

FOTTLER,  
FISKE  
RAWSON & CO  
BOSTON, MASS.

BLUE HUBBARD

BOSTON MARROW

WARTED HUBBARD

HUBBARD

BAY  
STATE

PROLIFIC  
MARROW

ESSEX HYBRID

